ANNUAL CATALOG

BICYCLES AND SUNDRIES

CHILDREN'S VEHICLES

1923

THE JAMES BAILEY COMPANY
264 MIDDLE STREET, PORTLAND, MAINE

Our Free Street Store

Our Middle Street Store

SPECIAL CATALOGS

We publish the following Catalogs

FROM OUR FREE STREET STORE

Catalogs of

MOTOR CAR ACCESSORIES

AND

AUTOMOBILE TIRES

FROM OUR MIDDLE STREET STORE

Catalogs of

HARNESS, BLANKETS, ROBES

SPORTING GOODS

BICYCLES AND SUNDRIES

AUTOMOBILE AND CARRIAGE

TRIMMINGS

DISTRIBUTORS FOR EVEREADY DAYLOS

Catalogs mailed to all dealers on request

INTRODUCTION

We take pleasure in mailing you our Annual Catalog of BICYCLES, BICYCLE and MOTORCYCLE SUPPLIES.

THE PRICES MENTIONED IN THIS CATALOG ARE MANUFACTURERS' LIST PRICES OR APPROXIMATE RETAIL VALUES. TO ALL DEALERS IN THESE GOODS WE WILL MAIL UPON APPLICATION OUR CONFIDENTIAL DEALERS' NET PRICE LIST.

Our stocks of these goods are the largest in Northern New England, and we give our customers quick service. Portland as a shipping point not only serves the entire State of Maine trade, but also serves to excellent advantage all points throughout New Hampshire and Vermont. Please send us your orders and we will undertake to give you prompt and satisfactory service.

To the Trade

TERMS.

Our terms are cash. For accommodation to those well rated in Dun's or Bradstreet's agencies, or furnishing satisfactory references, we will extend a credit of thirty days.

MAIL ORDERS.

We give mail orders special care and immediate attention. All rush orders are forwarded by first Express or Parcel Post after their receipt.

SHIPPING INSTRUCTIONS.

Always specify in order Shipping Instructions, whether by Freight, Express or Parcel Post, and, if by the latter, include postage. We cannot guarantee safe delivery of Parcel Post packages which are not insured. Our responsibility ceases when goods are delivered in good order to Transportation Company or Post Office. **If Parcel Post shipments are desired insured, mention same on your order, otherwise we ship at customer's risk.**

GOODS RETURNED.

When orders have been correctly filled, **we cannot permit the return of any goods** unless a full explanation has been made and **consent obtained.** As the expense of handling such shipments is not figured into our costs in any way, when arrangements are made for sending back any merchandise, it is with the understanding that **a handling and service charge of ten per cent will be made** and also that the goods will be sent back prepaid. **Special goods and made-to-order goods are positively not returnable.**

ALL CLAIMS.

Any and all claims for shortage or error must be made within ten days, or we cannot give same consideration. We shall after ten days consider goods sold and positively non-returnable, also invoice accepted, and settlement must be made for same as rendered.

WRITE US.

When sending articles, **write us under separate cover,** as packages are not opened until your advice by letter is received. Strict adherence to this request will prevent unnecessary delay.

THE JAMES BAILEY COMPANY

264 MIDDLE STREET - - - PORTLAND, MAINE

1923 Line of Bicycles

TO DEALERS

The CROWN, AMERICA and READING STANDARD lines of bicycles are the three separate and distinct agency propositions of the Great Western Manufacturing Company for this year.

The Great Western factory has added to their line, as a new feature, to competitive Models. These will be supplied under different name plates, viz.: Cyrus to CROWN agents, Century to America agents, and Panama to READING-STANDARD agents.

The trade generally is agreed that factory name plate bicycles are a better selling proposition than unknown makes of bicycles equipped with jobbers' name plates. Such goods are backed up by the reputation and the advertising force of the makers.

The regular Models are equipped with Fisk Premier Tires, and Great Western's own make of a high grade special Saddle and Rubber Pedals. The competitive Models are equipped with Fisk Victor Tires.

The CROWN, AMERICA and READING STANDARD bicycles are the best finished and the most attractive machines manufactured, and their handsome appearance and splendid construction appeal to every prospective customer.

We offer these high class lines of bicycles not as a jobber but as FACTORY DISTRIBUTORS covering State of Maine territory as well as large sections of New Hampshire and Vermont, and we carry large stocks here in Portland ready to make quick deliveries.

Write us for copy of factory catalog showing these models beautifully illustrated in colors, thus enabling you to show your prospective customer exactly how his bicycle will look, and enabling you to more intelligently order your sample machines.

Great Western Agency Bicycle Service Kit

We shall offer to every Great Western Agency a Service Kit which will contain a few Cups and Cones and other items to be used for replacement. Also a Crank and a Fauber Shop Wrench which will eliminate trouble from broken Cups due to their being improperly removed from the bracket. We will make a minimum charge for this Service Kit with the understanding that this be kept in complete condition. As fast as defective parts are found, the defective pieces must be put in the Service Kit and from time to time these broken parts should be returned to us. We will examine same, and order new parts sent no charge, keeping the Service Kit always in complete condition.

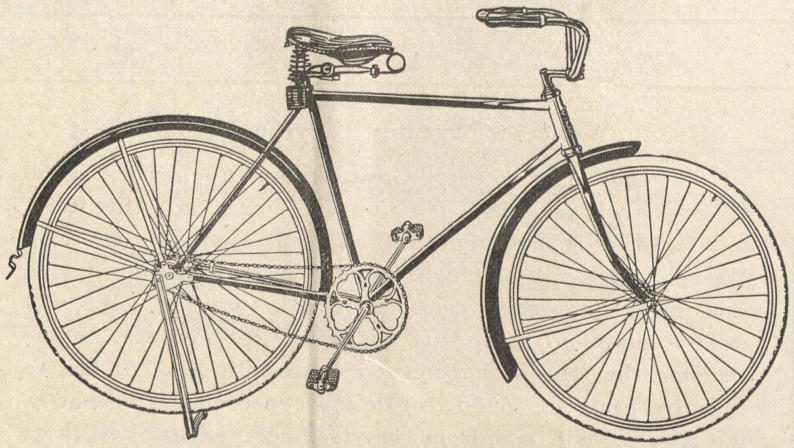
We shall include in this Kit, without charge for this particular item, small tubes of each of the various colors of Enamel with Brush for touch-up purposes, and which Tubes will be properly protected against evaporation and drying up.

Every Agency should make purchase of one of these Kits

Please correspond with us early in order to insure an agency for one of these very desirable lines of machines.

CROWN OR AMERICA BICYCLE
MODEL No. 46

Price, with New Departure Brake, Guards, Stand and Fisk Premier Tires, $40.00



WITH WHITE HEAD

Frame—21 inch.

Fork—Full enameled, with fancy dart finish.

Crown— One-piece forged.

Cranks—Fauber Round Special; one-piece patented, with heart design sprocket.

Gear—26-tooth front; rear 10 x $\frac{3}{16}$ inch.

Chain—$\frac{3}{16}$ x 1 inch pitch roller.

Hubs—New Departure Brake, front hub to match.

Rims—36 hole, wood enameled white center, with one wide black and one hairline black stripe, gray edge.

Finish — Maroon with White Head.

Tires—Fisk Premier Tough Tread Non-skid, 28 x 1½. Guaranteed by the Fisk Rubber Co.

Saddle—Superior No. 3 M.

Pedals—Rubber No. 6.

Bars—No. 10 Adjustable Expander Forward Extension with Bulldog Grips.

Guards—Drop side, steel, front and rear, flat braces, enameled, with center stripe to match head.

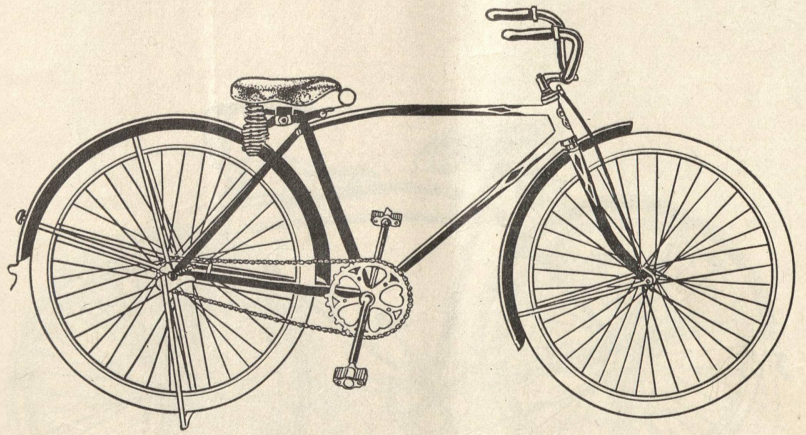
Stand—Dead nickeled.

Rear Reflector.

CROWN OR AMERICA BICYCLE
MODEL No. 10B

Price, with New Departure Brake, Guards, Stand and Fisk Premier Tires, $40.00

Patented Braced Fork



Description of Model No. 10B

Full size man's bicycle for the boy, with 28-inch Wheels and 18-inch Frame. The boy will not soon outgrow this Bicycle, but will continue to ride it for years. There is a good market for this model and it is entitled to your consideration. Just the Bicycle for a very short man.

WITH WHITE HEAD

Frame—Curved top bar; 18 inch.

Fork—Full enameled.

Crown—Forged.

Cranks—Fauber Round Special, one-piece, patented.

Gear—24-tooth front; rear 10 x $\frac{3}{16}$ inch.

Hubs—New Departure Brake; front hub to match.

Rims—36-hole, wood enameled white center, with one wide black and one hairline black stripe, gray edge. 28 inch.

Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.

Finish—Black, with White Head.

Tires—Fisk Premier Tough Tread Non-skid, 28 x 1½. Guaranteed by the Fisk Rubber Co.

Saddle—Superior 3 M.

Pedals—Rubber Motor No. 6.

Bars—No. 10 Adjustable Expander Forward Extension with Bulldog Grips.

Mud Guards—Drop side, steel, front and rear, flat braces, enameled, with center stripe to match head.

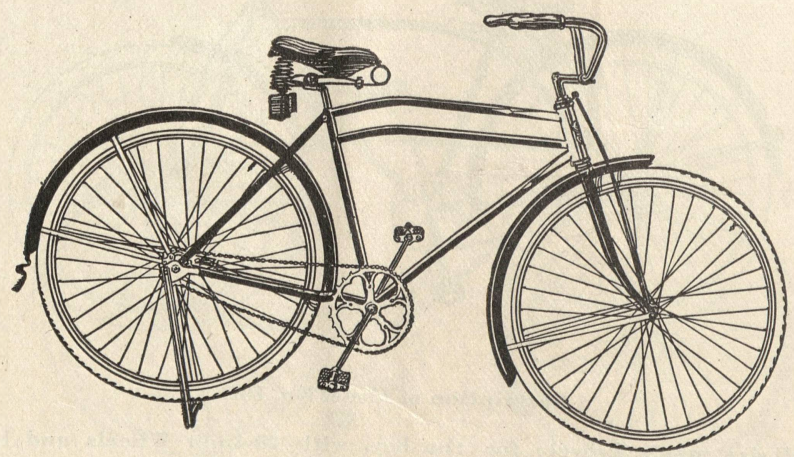
Stand—Dead nickeled.

Rear Reflector.

CROWN OR AMERICA BICYCLE

MODEL No. 54

Price, with New Departure Brake, Guards, Stand and Fisk Premier Tires, $45.00



WITH WHITE HEAD

Frame—Double Bar, 20 inch.

Fork—Full enameled, with braces motorcycle type.

Crown—Forged.

Cranks—Fauber Round Special; one piece patented, with heart design sprocket.

Gear—26-tooth front, 10-tooth x $\frac{3}{16}$ x 1 inch pitch rear.

Hubs—New Departure Brake; front hub to match.

Rims—36-hole, wood enameled white center, with one wide black and one hairline black stripe, gray edge.

Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.

Finish — Maroon with White Head.

Tires—Fisk Premier Tough Tread Nonskid, 28 x 1½. Guaranteed by the Fisk Rubber Co.

Saddle—Superior 3 M.

Pedals—Rubber No. 6.

Bars—No. 10, Adjustable Expander Forward Extension, Bulldog Grips.

Mud Guards—Drop side, steel, front and rear, flat braces, enameled, with center stripe to match head.

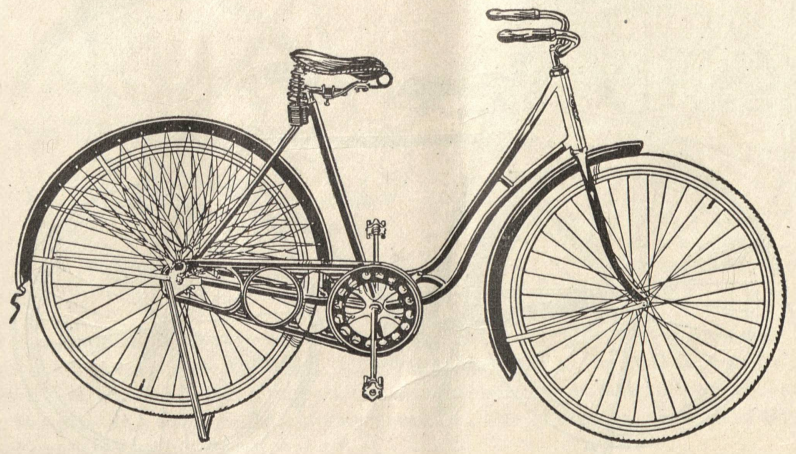
Stand—Dead nickeled.

Rear Reflector.

CROWN OR AMERICA BICYCLE

LADIES' MODEL No. 56

Price, with New Departure Brake, Guards, Stand and Fisk Premier Tires, $45.00



WITH WHITE HEAD

Frame—20 inch.

Fork—Full enameled, with dart finish.

Crown—Forging, one-piece.

Cranks—Fauber Round Special; one-piece patented, with heart design sprocket.

Gear—22-tooth front; rear 9 x $\frac{3}{16}$ inch.

Hubs—New Departure Brake, front hub to match.

Rims—36-hole, wood enameled white center, with one wide black and one hairline black stripe, gray edge.

Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.

Finish—Black with White Head.

Tires—Fisk Premier Tough Tread Nonskid, 28 x 1½. Guaranteed by the Fisk Rubber Co.

Saddle—Superior 6 C.

Pedals—Ladies' full rubber No. 3.

Bars—No. 64 Adjustable, Bulldog Grips.

Chain and Dress Guard—With net.

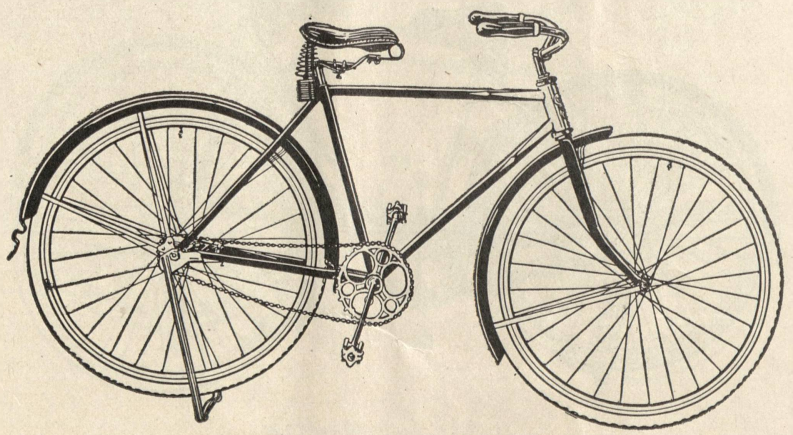
Guards—Drop side, steel, front and rear, flat braces, enameled, with center stripe to match head.

Stand—Dead nickeled.

Rear Reflector.

CROWN OR AMERICA BICYCLE
MODEL No. 8

Price, with New Departure Brake, Guards, Stand and Fisk Juvenile Tires, $35.00



WITH WHITE HEAD

Frame—17 inch.

Fork—Full enameled.

Crown—Forged.

Cranks—Fauber Round Special 5½ inch one-piece, patented, with heart design sprocket.

Gear—22-tooth front; rear, 10 x $\frac{3}{16}$ inch.

Hubs—New Departure Brake. Front hub to match.

Rims—36-hole, wood enameled white center, with one wide black and one hairline black stripe, gray edge. 26 inch.

Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.

Finish—Blue with White Head.

Tires—Fisk Juvenile 26 inch Tires. Guaranteed by the Fisk Rubber Co.

Saddle—Superior 5 C.

Pedals—Juvenile Rubber Motor No. 3.

Bars—No. 64 Adjustable, Bulldog Grips.

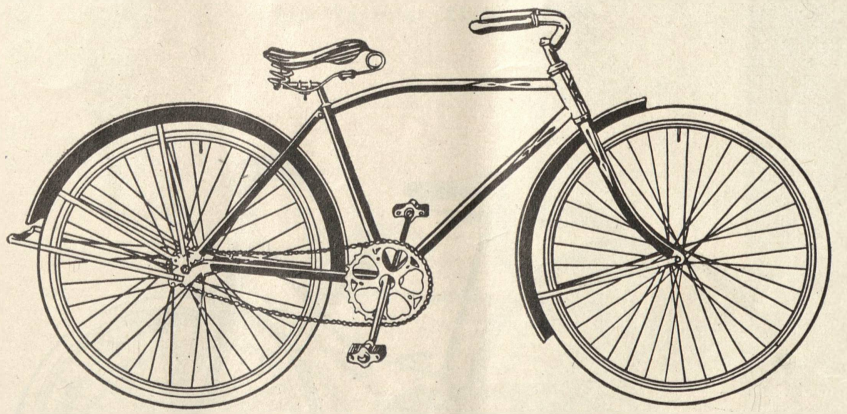
Mud Guards—Drop side, steel, front and rear, flat braces enameled, with center stripe to match head.

Stand—Dead nickeled.

Rear Reflector.

CROWN OR AMERICA BICYCLE
MODEL No. 5

Price, with New Departure Brake, Guards, Stand and Fisk Juvenile Tires, $35.00



Model 5, Juvenile. The Model which made the real hit when produced with 26 inch wheels, 15¾ inch seat post mast. A bicycle appealing to the little boy or girl because of its beauty and ease of riding, and to the parent because it permits one Bicycle to be used for the growing child, instead of two juveniles, one of smaller, and one of larger size. Equipped exactly the same as Model 8.

WITH WHITE HEAD

Frame—15¾ inch, Curved Top Bar.

Fork—Full enameled.

Crown—Forged.

Cranks—Fauber Round Special 5½ inch one-piece, patented, with heart design sprocket.

Gear—22-tooth front; rear, 10 x $\frac{3}{16}$ inch.

Hubs—New Departure Brake. Front hub to match.

Rims—36-hole, wood enameled white center, with one wide black and one hairline black stripe, gray edge. 26 inch.

Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.

Finish—Blue with White Head.

Tires—Fisk Juvenile 26 inch Tires. Guaranteed by the Fisk Rubber Co.

Saddle—Superior 5 C.

Pedals—Rubber Motor No. 3.

Bars—No. 64 Adjustable with Bulldog Grips.

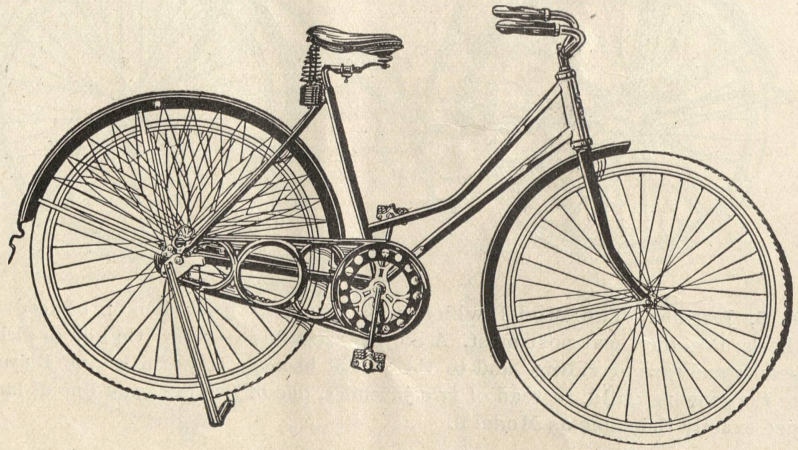
Mud Guards—Drop side, steel, front and rear, flat braces enameled, with center stripe to match head.

Stand—Dead nickeled.

Rear Reflector.

CROWN OR AMERICA BICYCLE
MODEL No. 9

Price, with New Departure Brake, Guards, Stand and Fisk Juvenile Tires, $35.00



WITH WHITE HEAD

Frame—17 inch.

Fork—Full enameled.

Crown—Forged.

Cranks—Fauber Round Special 5½ inch one-piece patented, with heart design sprocket.

Gear—22-tooth front; rear 10 x $\frac{3}{16}$ inch.

Hubs—New Departure Brake. Front hub to match.

Rims—36-hole, wood enameled white center, with one wide black and one hairline black stripe, gray edge. 26 inch.

Chain—$\frac{3}{16}$ inch x 1 inch pitch Roller.

Finish—Blue with White Head.

Tires—Fisk Juvenile 26 inch Tires. Guaranteed by the Fisk Rubber Co.

Saddle—Superior 5 C.

Pedals—Juvenile Rubber No. 3.

Bars—No. 64 Adjustable with Bulldog Grips.

Mud Guards—Drop side, steel, front and rear, flat braces, enameled, with center stripe to match head, with nets.

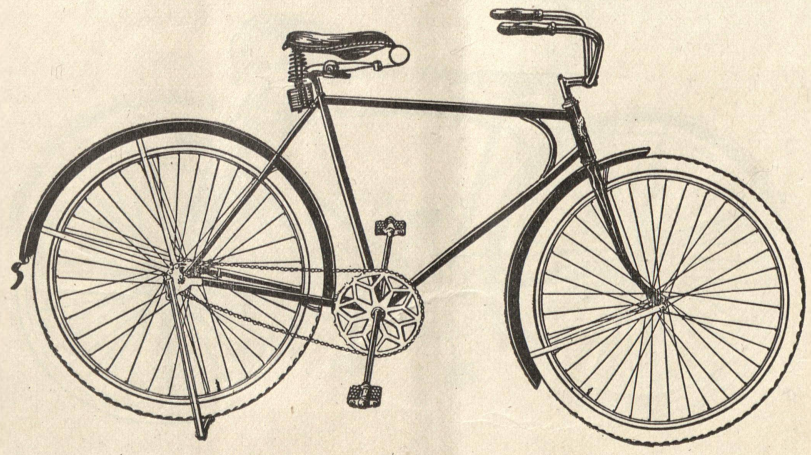
Chain Guard.

Stand—Dead nickeled.

Rear Reflector.

READING STANDARD BICYCLE
MODEL No. 146

Price, with New Departure Brake, Guards, Stand and Fisk Premier Tires, $40.00



WITH WHITE HEAD

Frame—21 inch. Curved Brace at Head.

Fork—Full enameled, with fancy dart finish.

Crown—One-piece forged.

Cranks—Round 7 inch one-piece with R. S. design sprocket.

Gear—26-tooth front; rear, 10 x $\frac{3}{16}$ inch.

Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.

Hubs—New Departure Coaster Brake. Front hub to match.

Rims—36-hole, wood enameled green center, with gray edge.

Finish—Black with White Head.

Tires—28 x 1½ Fisk Premier. Guaranteed by the Fisk Rubber Co.

Saddle—Superior 3 M.

Pedals—Rubber Motor.

Bars—No. 10 Adjustable Expander Forward Extension with Bulldog Grips.

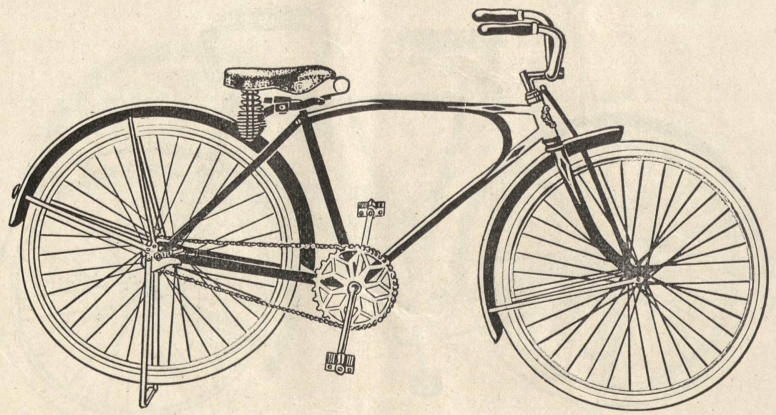
Mud Guards—Drop side, steel front and rear, flat braces, enameled, with center stripe to match head.

Stand—Dead nickeled.

Rear Reflector.

READING STANDARD BICYCLE
MODEL No. 110B

Price, with New Departure Brake, Guards, Stand and Fisk Premier Tires, $40.00

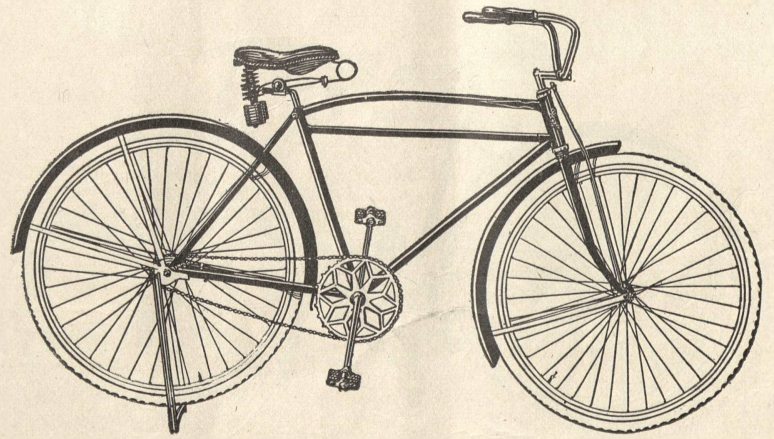


WITH WHITE HEAD

Frame—18 inch. Curved Top Bar.
Fork—Full enameled.
Crown—Forged.
Cranks—Round 7 inch one-piece with R. S. design sprocket.
Gear—24-tooth front; rear 10 x $\frac{3}{16}$ inch.
Hubs—New Departure Coaster Brake. Front hub to match.
Rims—36-hole, wood enameled green center, with gray edge.
Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.
Finish—Maroon with White Head.
Tires—28 x 1½ Fisk Premier. Guaranteed by the Fisk Rubber Co.
Saddle—Superior 3 M.
Pedals—Rubber Motor No. 6.
Bars—No. 10 Adjustable Expander Forward Extension with Bulldog Grips.
Mud Guards—Drop side, steel front and rear, flat braces, enameled, with center stripe to match head.
Stand—Dead nickeled.
Rear Reflector.

READING STANDARD BICYCLE
MODEL No. 154

Price, with New Departure Brake, Guards, Stand and Fisk Premier Tires, $45.00

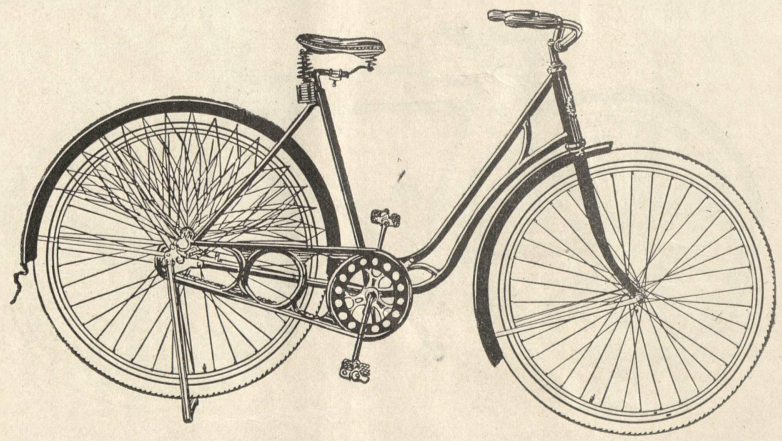


WITH WHITE HEAD

Frame—20 inch. Double Bar.
Fork—Full enameled, with braces motorcycle type.
Crown—Forged.
Cranks—Round 7 inch one-piece with R. S. design sprocket.
Gear—26-tooth front, 10-tooth x $\frac{3}{16}$ x 1 inch pitch rear.
Hubs—New Departure Coaster Brake. Front hub to match.
Rims—36-hole, wood enameled green center, with gray edge.
Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.
Finish—Black with White Head.
Tires—28 x 1½ Fisk Premier. Guaranteed by the Fisk Rubber Co.
Saddle—Superior 3 M.
Pedals—Rubber Motor No. 6.
Bars—No. 10 Adjustable Expander Forward Extension with Bulldog Grips.
Mud Guards—Drop side, steel front and rear, flat braces, enameled, with center stripe to match head.
Stand—Dead nickeled.
Rear Reflector.

READING STANDARD BICYCLE
LADIES' MODEL No. 156

Price, with New Departure Brake, Guards, Stand and Fisk Premier Tires, $45.00



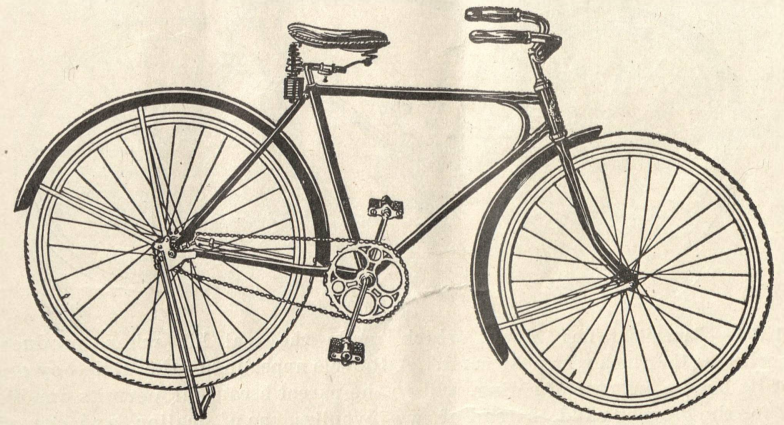
WITH WHITE HEAD

Frame—20-inch.
Fork—Full enameled, with dart finish.
Crown—Forging one-piece.
Cranks—Round 6½ inch one-piece with R. S. design sprocket.
Gear—22-tooth front; rear 10 x $\frac{3}{16}$ inch.
Hubs—New Departure Coaster Brake. Front hub to match.
Rims—36-hole, wood enameled green center, with gray edge.
Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.
Finish—Maroon with White Head.
Tires—28 x 1½ Fisk Premier. Guaranteed by the Fisk Rubber Co.
Saddle—Superior 6 C.
Pedals—Ladies' full rubber No. 3.
Bars—No. 64 Adjustable with Bulldog Grips.
Chain and Dress Guard—With net.
Guards—Drop side, steel front and rear, flat braces, enameled, with center stripe to match head.
Stand—Dead nickeled.
Rear Reflector.

READING STANDARD BICYCLE
MODEL No. 108

Patented Braced Frame and Fork

Price, with New Departure Brake, Guards, Stand, and Fisk Juvenile Tires, $35.00

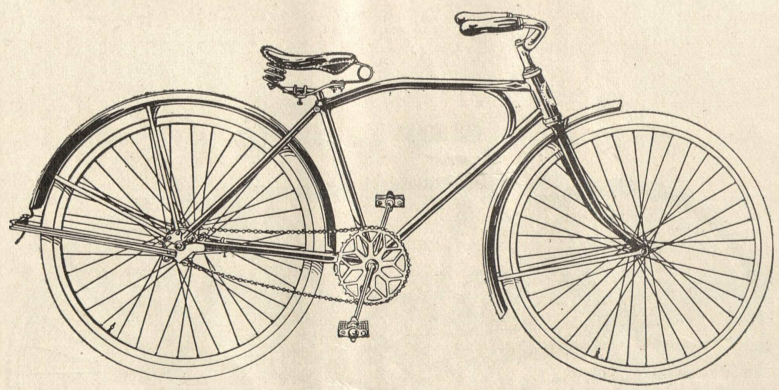


WITH WHITE HEAD

Frame—17 inch.
Fork—Full enameled.
Crown—Forged.
Cranks—Round 5½ inch one-piece, R. S. design sprocket.
Gear—22-tooth front; rear 10 x $\frac{3}{16}$ inch.
Hubs—New Departure Coaster Brake. Front hub to match.
Rims—36-hole, wood enameled green center, with gray edge. 26 inch.
Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.
Finish—Maroon with White Head.
Tires—26 inch Fisk Juvenile. Guaranteed by the Fisk Rubber Co.
Saddle—Superior 5 C.
Pedals—Juv. Rubber Motor No. 3.
Bars—No. 64 Adjustable with Bulldog Grips.
Mud Guards—Drop side, steel front and rear, flat braces, enameled, with center stripe to match head.
Stand—Dead nickeled.
Rear Reflector.

READING STANDARD BICYCLE
MODEL No. 105

Price, with New Departure Brake, Guards, Stand, and Fisk Juvenile Tires, $35.00



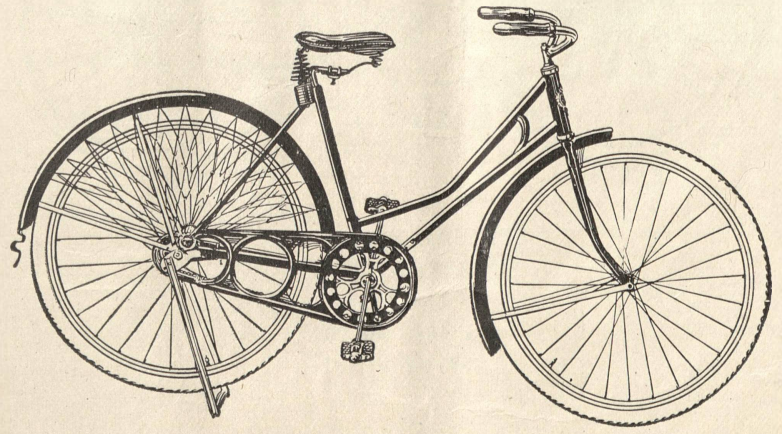
Model 105 — Juvenile. The Model which made the real hit when produced with 26 inch wheels, 15¾ inch seat post mast. A Bicycle appealing to the little boy or girl because of its beauty and ease of riding, and to the parent because it permits one bicycle to be used for the growing child, instead of two juveniles, one of smaller, and one of larger size. Equipped exactly the same as Model 108.

WITH WHITE HEAD

Frame — 15¾ inch.
Fork — Full enameled.
Crown — Forged.
Cranks — Round 5½ inch one-piece, R. S. design sprocket.
Gear — 22-tooth front; rear 10 x $\frac{3}{16}$ inch.
Hubs—New Departure Coaster Brake. Front hub to match.
Rims — 36-hole, wood enameled green center, with gray edge. 26 inch.
Chain — $\frac{3}{16}$ inch x 1 inch pitch roller.
Finish — Maroon with White Head.
Tires — 26 inch Fisk Juvenile. Guaranteed by the Fisk Rubber Co.
Saddle — Superior 5 C.
Pedals — Rubber Motor No. 3.
Bars — No. 64 Adjustable with Bulldog Grips.
Mud Guards — Drop side, steel front and rear, flat braces, enameled, with center stripe to match head.
Stand — Dead nickeled.
Rear Reflector.

READING STANDARD BICYCLE
MODEL No. 109

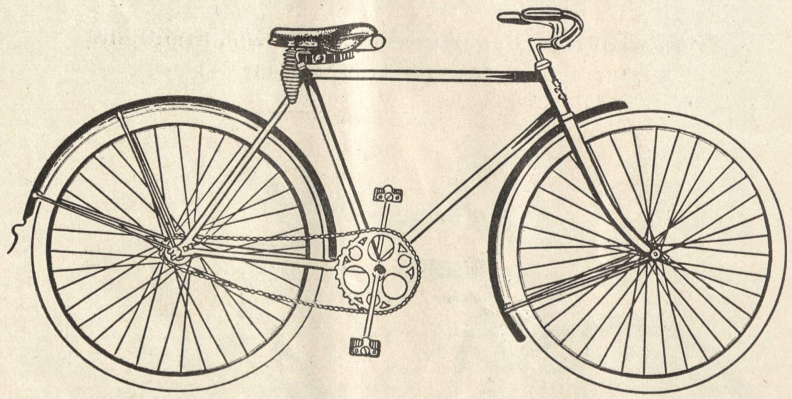
Price, with New Departure Brake, Guards, Stand and Fisk Juvenile Tires, $35.00



WITH WHITE HEAD

Frame—17 inch.
Fork—Full enameled.
Crown—Forged.
Cranks—Round 5½ inch one-piece, with R. S. design sprocket.
Gear—22-tooth front; rear 10 x $\frac{3}{16}$ inch.
Hubs—New Departure Coaster Brake. Front hub to match.
Rims—36-hole, wood enameled green center, with gray edge. 26 inch.
Chain—$\frac{3}{16}$ inch x 1 inch pitch roller.
Finish—Maroon with White Head.
Tires—26 inch Fisk Juvenile. Guaranteed by the Fisk Rubber Co.
Saddle—Superior 5 C.
Pedals—Juv. Rubber Motor No. 3.
Bars—No. 64 Adjustable with No. 10 sewed leather Bulldog Grips.
Mud Guards—Drop side, steel front and rear, flat braces, enameled, with center stripe to match head, with nets and Chain Guard.
Stand—Dead nickeled.
Rear Reflector.

CYRUS, CENTURY and PANAMA



SPECIAL ROADSTER
Model 26

Price, $30.00

Frame—21 inch, 1 inch 19-gauge tube; 5 inch head; flush connections; ⅞ inch tapered rear fork, ⅝ inch rear stays.

Fork—Full enameled.

Crown—One-piece forged.

Cranks—Fauber Round Special 7 inch one-piece patented, with 3A design sprocket.

Chain—$\frac{3}{16}$ x 1 inch pitch roller. Diamond.

Gear—26-tooth front; rear 10 x $\frac{3}{16}$ inch.

Hubs—Coaster Brake; New Departure, with front hub to match.

Rims—36-hole, steel enameled black.

Finish—Slate or Green, Black Head.

Saddle—No. 3 Superior.

Tires—Fisk Victor, 28 x 1½ inch. Guaranteed by the Fisk Rubber Co.

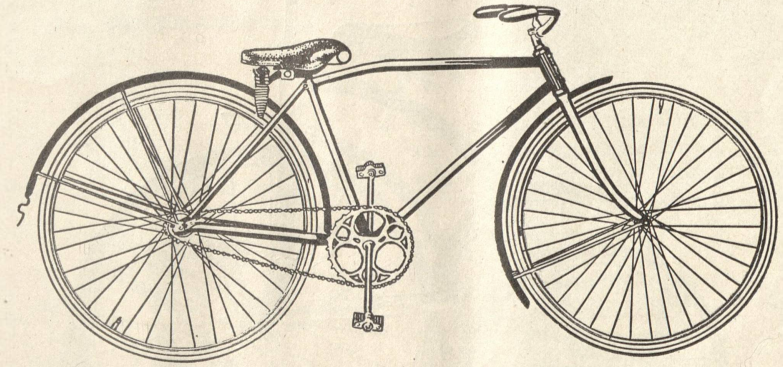
Pedals—Rubber Motor.

Bars—No. 10 Adjustable Expander Forward Extension with No. 74 sewed leather grips.

Fenders—Steel Front and Rear, Round Braces, enameled Black.

The best buy on the market to-day.

CYRUS, CENTURY and PANAMA



SEMI-ROADSTER
Model 20

Price, $30.00

Frame—Curved top bar; 18 inch, 1 inch 19-gauge tube; 4 inch head; flush connections; ⅞ inch tapered rear forks; ⅝ inch rear stays.

Fork—Full enameled.

Crown—Forged.

Cranks—Fauber Round Special 7 inch one-piece patented, with 3A design sprocket.

Chain—$\frac{3}{16}$ x 1 inch pitch roller. Diamond.

Gear—24-tooth front; rear 10 x $\frac{3}{16}$ inch.

Hubs—Coaster Brake; New Departure, with front hub to match.

Rims—36-hole steel enameled black.

Finish—Slate or Green, Black Head.

Saddle—No. 3 Superior.

Tires—Fisk Victor, 28 x 1½ inch. Guaranteed by the Fisk Rubber Co.

Pedals—Rubber Motor.

Bars—No. 64 Adjustable Expander with No. 74 wound leather grips.

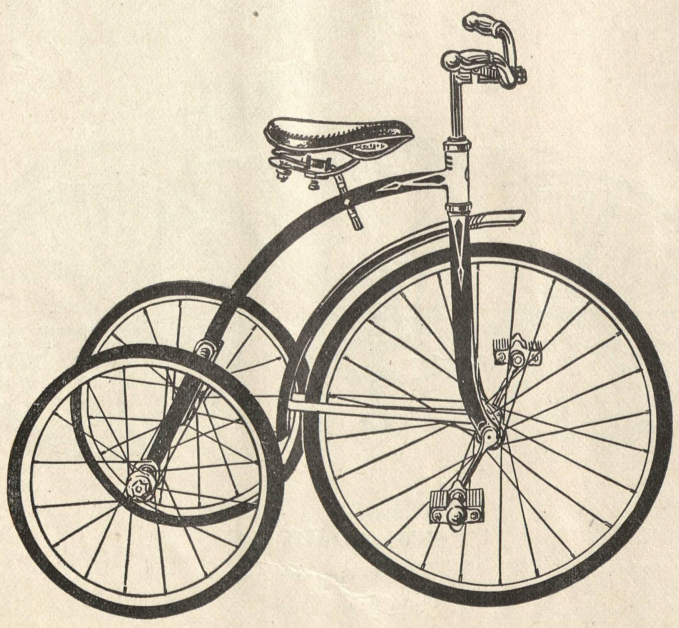
Fenders—Steel Front and Rear, Round Braces, enameled Black.

A man's bicycle for the boys at a low price.

BICYPEDE

No. 2, $19.50

No. 3, $21.00



Bicypede is so named because it is a three-wheeled bicycle, with stamped fittings, bicycle construction throughout, bicycle tubing and forgings. There are no castings or sweated joints.

In designing this model, first consideration was given to correctly building this vehicle, giving correct riding position and protection against injury for the child.

Full sized solid rubber pedals, juvenile bicycle saddle, the new type of handlebar, by its construction avoiding any possibility of interfering with the rider. Bulldog leather grips are used on all models, steel rims, with one-inch cushion, solid rubber tires with tangent spokes and nipples.

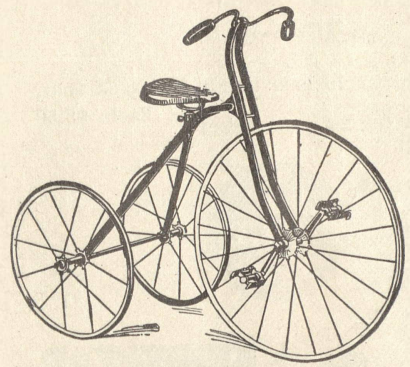
This machine is made in three sizes: No. 1, 16 inch front wheel; No. 2, 20 inch front wheel; No. 3, 24 inch front wheel, and because of the construction, the distance between the pedal and the saddle is short enough so that the average child of four years can ride our Model 1.

We do not stock No. 1 but can order for you direct from the factory.

Finish — Maroon with White Head.

Manufactured by The Great Western Mfg. Co.

VELOCIPEDES



Nos. 305-306-307-308

No. 305—14 inch Front Wheel, $4.00 each
No. 306—16 inch Front Wheel, 4.50 each
No. 307—20 inch Front Wheel, 5.00 each
No. 308—24 inch Front Wheel, 5.75 each

Frame and fork of half oval steel, enameled, ½ inch rubber cushion front and ⅜ inch rear tires.

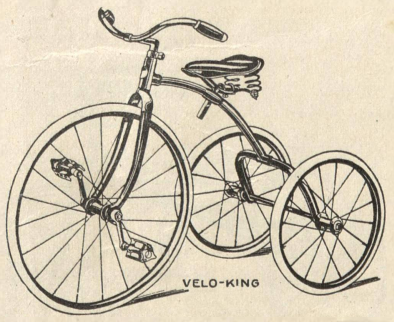
Nos. 74-75-76-77-84-85-86-87

No. 74—14 inch Front Wheel, $ 7.50 each
No. 75—16 inch Front Wheel, 8.00 each
No. 76—20 inch Front Wheel, 9.00 each
No. 77—24 inch Front Wheel, 10.00 each
No. 84—14 inch Front Wheel, Ball Bearings, 9.50 each
No. 85—16 inch Front Wheel, Ball Bearings, 10.00 each
No. 86—20 inch Front Wheel, Ball Bearings, 11.00 each
No. 87—24 inch Front Wheel, Ball Bearing, 12.00 each

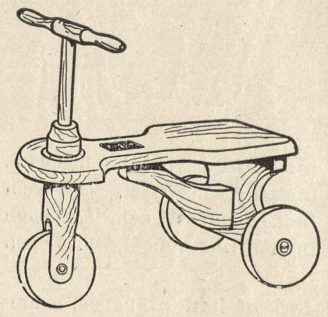
Frame and fork of half oval steel, enameled, adjustable handle bar, saddle with coil springs, ⅝ inch rubber cushion front and ½ inch rear tires.

No. 150—16 inch Front Wheel, $13.50 each
No. 151—20 inch Front Wheel, 16.00 each
No. 152—24 inch Front Wheel, 19.00 each

Tubular steel frame, arch crown fork, enameled, nickel handle bar, hubs, spokes and pedals, ball bearings, saddle with coil springs, 1 inch rubber cushion front and rear tires.



Nos. 150-151-152



KIDDIE-KARS

No. 5—Length, 22 inches; height to top of seat, 12¾ inches. Each, $3.50

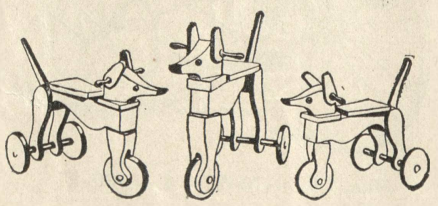
Attaches to any Kiddie-Kar with bolt and thumb nut which comes with the Trailer. Size of box, 7 x 12 inches, 4½ inch wheels.

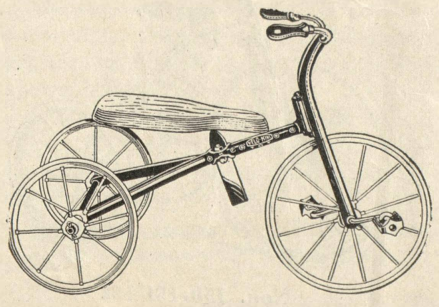
Complete with couplings Each, $1.50

THE BEE HOUND COASTER

Strong and serviceable and an ideal toy for children.

No. 400 12 inches to top of saddle, for children one to two years old Each, $2.25





VELO-KING "TOTS"

No. 40—Steel frame, 8 inch rear and 10 inch front wheels, ⅜-in. rubber tires, adjustable seat. Each, $3.75

No. 42—Similar to No. 40, with ⅝-in. rubber tires and rubber pedals. Each, $6.00

4 cars in ONE

THE UAJUSTIT CAR

YOU ADJUSTIT

4 cars in ONE

Adjusted to the Littlest Kiddy

4

Adjusted to the Littler Kiddy

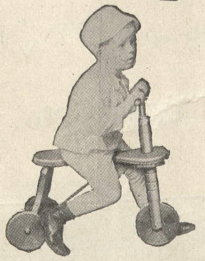
CARS

Adjusted to the Little Kiddy

IN

Adjusted to the Little Man

ONE



There is no *economy* in buying cheaply constructed cars to endanger the Kiddy's life.

There is no *satisfaction* in buying a car that the Kiddy grows out of in a little while.

There is only one car that is economical to buy and satisfactory to use, and that is the "UAJUSTIT"—four cars in one.

The Car That Satisfies the Growing Child

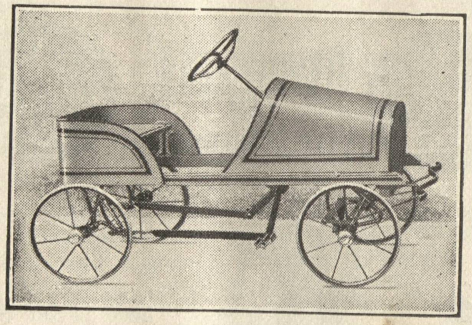
The "UAJUSTIT" Car is in a class by itself both as to *beauty* of *design* and *strength* of *construction.* It has Metal Bearings, Forged Steel Axles, Powerful Steering Post and Steel Truss, making it indestructible and fit for the roughest kind of usage.

The "Uajustit" is the Highest Grade Car Made

Yet it is the cheapest car on the market, for *it takes the place of Four Cars.*

Price, $3.00 Each

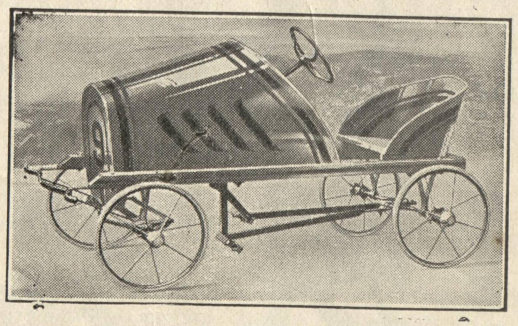
JUVENILE AUTO, No. 512



Body measures 38 x 12 inches

Finished in orange with green striping. Wheels finished in red enamel, 10 inches in diameter, fitted with ⅜ inch corrugated rubber tires and nickel hub caps. Each, $9.00

JUVENILE AUTO, No. 519

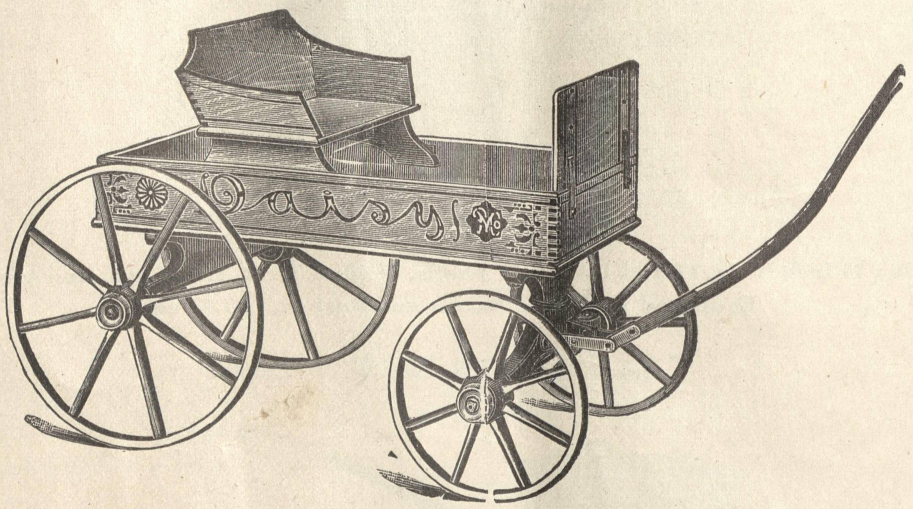


Body measures 49 x 13 inches

Finished in chrome yellow with green striping. Wheels finished in red enamel, 10 inches in diameter, fitted with ½ inch corrugated rubber tires and nickel hub caps. Instrument board and screecher signal.

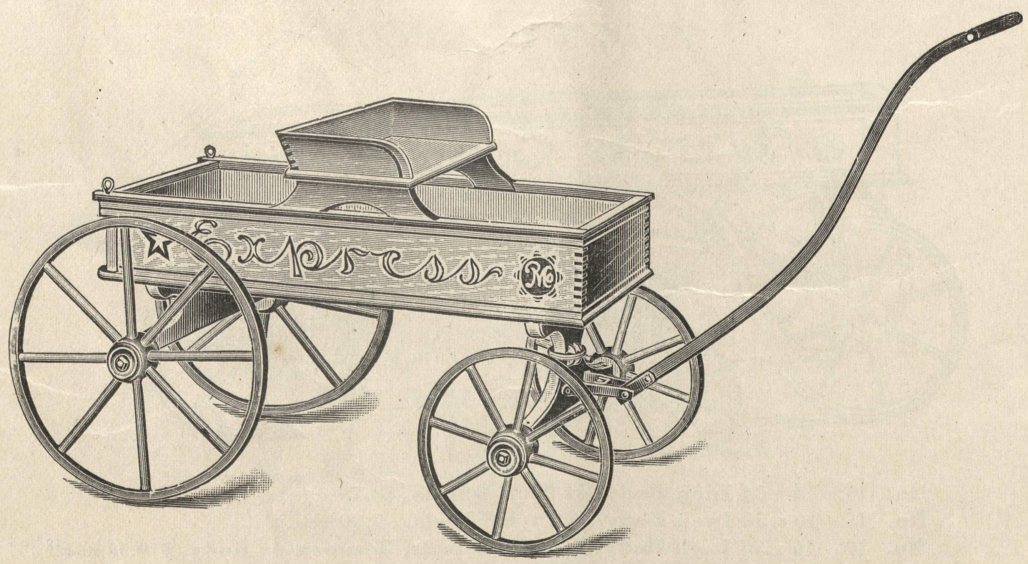
Each, $11.00

DAISY WAGON, No. 29



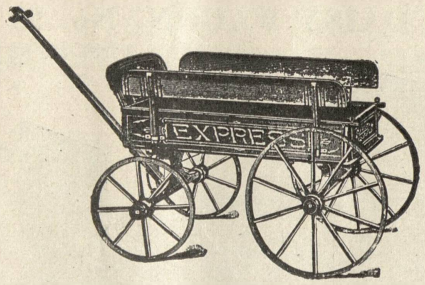
26 x 13 Inch Body, 11 and 16½ Inch Wheels, Oval Tires, Hub Caps, Iron Axles, Each, $5.00

WAGON, No. 40, No Seat



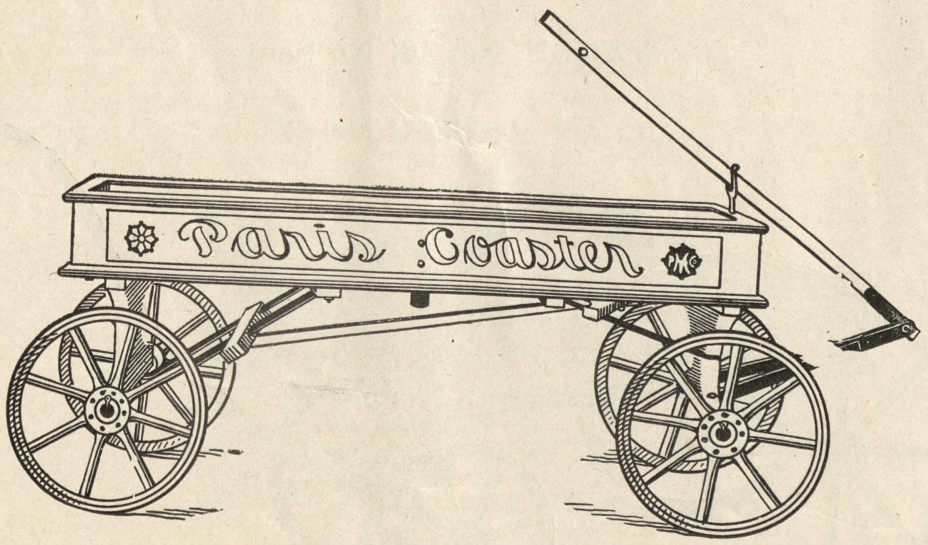
30 x 14 Inch Body, 11 and 16½ Inch Wheels, Welded Tires, Hub Caps, Iron Axles, Each, $6.50

WAGON NO. 40-A.



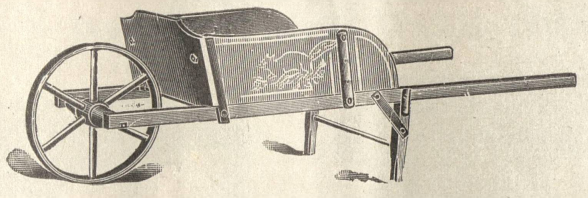
30 x 14 Inch Body, 11 and 16½ Inch Wheels, Welded Tires, Hub Caps, Iron Axles, Equipped with Side Boards and Dasher, $7.75 each

ROLLER BEARING COASTER WAGONS



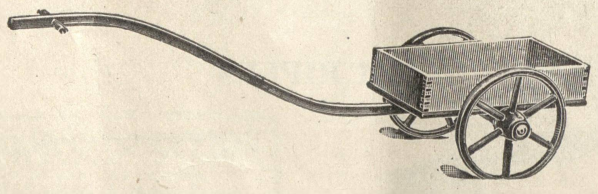
No. 14. 14 x 34 Inch Body, 11 Inch Wheels, $8.25 each
No. 15. 16 x 38 Inch Body, 11 Inch Wheels, 9.00 each
No. 19. 16 x 38 Inch Body, 11 Inch Wheels, Removable Body, $ 9.50 each
No. 414. 14 x 34 Inch Body, Disc Wheels with Rubber Tires, 11.00 each
No. 415. 16 x 38 Inch Body, Disc Wheels with Rubber Tires, 12.00 each

BOYS' WHEELBARROWS



No. 1. 28 Inch Shafts, 7 Inch Wheels, $2.00 each
No. 2. 34 " " 10 " " 2.50 each

BOYS' TWO WHEEL CART



No. 3. 12 x 7 Inch Body, 7 Inch Wheels, $1.15 each

WOOD AXLE WAGON

No. 22. 14 x 7 Inch Body, 8 and 10 Inch Wheels, $1.50 each
No. 28. 22 x 11 Inch Body, 8 and 12 Inch Wheels, 2.50 each

WATER PISTOLS

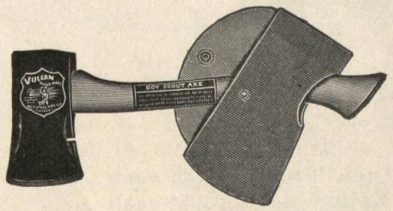
No. 8. Single Shot, Daisy, Each, $.25

No. 9. Five Shot, Daisy, Each, $.50

AIR RIFLES

No. 21. King, Single Shot, Each, $1.50 No. 22. King, 500 Shot, Special, Each, $1.75

No. 5 Each, $2.75



Genuine Boy Scout Hatchet
Each, $2.00 Complete

OUR 1923 LINE OF BICYCLE TIRES

We especially call your attention to the fact that we have the exclusive distribution of the well known **Fisk Premier Bicycle Tire** in this territory.

This is the same Tire that has been the regular equipment on the **Crown** and **America Bicycles** for several years past and we are prepared to quote our Bicycle Dealers very attractive prices on same.

NATIONAL ASSOCIATION TIRE GUARANTEE.

ALL GUARANTEED tires are so mentioned in our catalogue. The makers of guaranteed tires agree to repair or replace without charge tires which in their judgment are defective in material or workmanship.

All guarantees, unless otherwise mentioned, expire on **Dec. 31st** of the year in which the tires are sold.

All tires for replacement must be sent to the maker whose name appears on the tire.

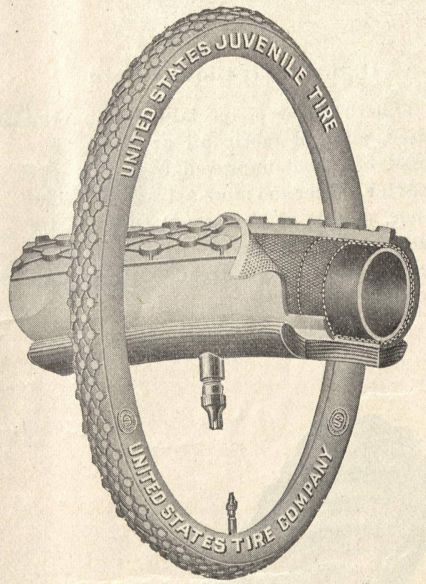
Express Charges on tires must be prepaid in every instance, or package will not be accepted from the transportation company. If return by registered mail is desired, postage at the rate of 1 cent per ounce must accompany the request for repairs, and 8 cents additional for registry.

Rim cut, punctured, or tires abused or misused or worn out in service will not be replaced.

Always write a separate letter and send by mail with your instructions, as all packages are held awaiting this advice.

See that every package sent has your full address (name, town, street number or county and state) securely fastened to it.

Guarantee Limited to December 31, 1923

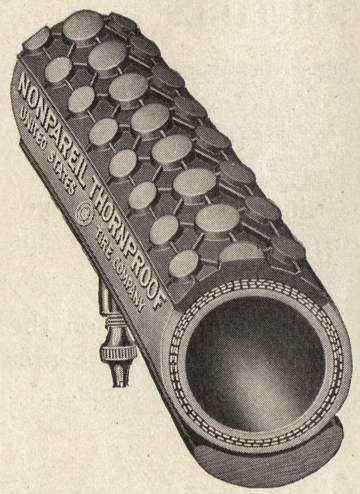


U. S. Juvenile, Studded Tread

This tire is made with two plies of fabric, a good grade of tube and friction, has a special cover and tread stock. This is a very good tire, and for a medium priced tire cannot be beaten. Red tread.

20 x 1⅜ inch	$4.00 per pair
24 x 1½ inch	4.15 per pair
26 x 1½ inch	4.30 per pair

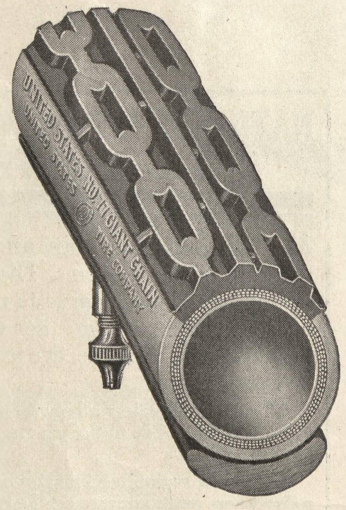
U. S. TIRES



U. S. Nonpareil Thornproof (Guaranteed)

This tire is constructed with two plies of fabric and one Thornproof strip same as old Overland. It has a high grade friction, an inner tube of extra high quality, gray sides, and has a red tread with large studs. This tire is special good value.

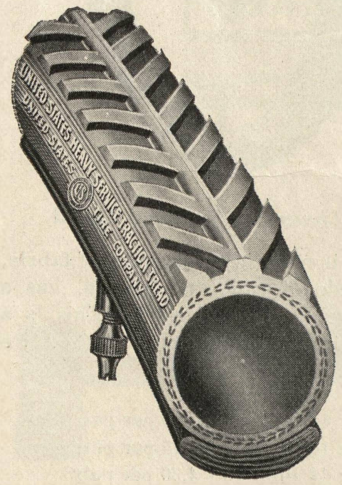
28 x 1½ inch $4.75 per pair



U. S. No. 77, Giant Chain

This tire is one of special value, having three plies of fabric all around. The tread has been improved by making it heavier, wider and more attractive. The inner tube is of high grade rubber, tire has the best grade of friction and a heavy black chain tread with white sides.

28 x 1½ inch $6.00 per pair

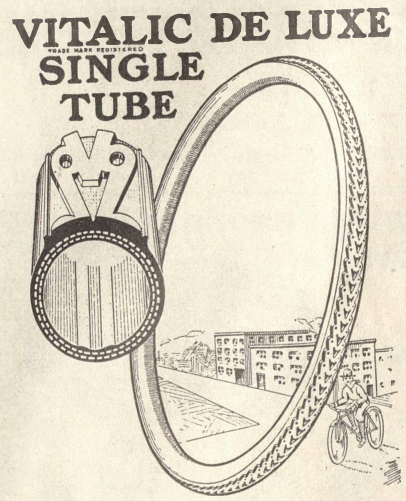


Heavy Service Traction Tread

All white rubber motorcycle fabric—two ply.

A tire of all white rubber with an extra heavy serviceable tread which is meant to stand hard wear. Two ply of extra quality, commonly called Motorcycle Fabric, are built around the finest grade pure gum inner tube, making an extremely rugged carcass. The tread is designed so as to insure perfect traction and reduce skidding.

28 inch $6.50 per pair

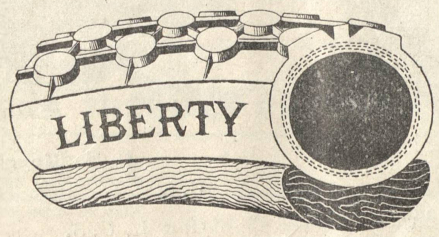


Vitalic De Luxe

The famous Vitalic De Luxe is the Vitalic that most experienced riders prefer. Made of the finest, most carefully selected rubber and fabric, with an extra heavy, all white, V-shaped, suction non-skid tread. Its two plies of motorcycle fabric, almost as heavy as that used in auto tires, are woven from eight-ply twisted cotton yarn. Its extra thick tube is made from purest rubber. In every way, it is the best bicycle tire we know how to build.

28 x 1½ $7.00 per pair

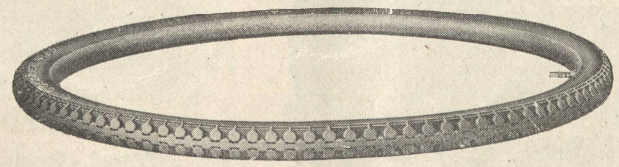
Liberty



White sides with large black studded thread—Two-ply on side with three-ply tread.

28 x 1½ $4.00 per pair

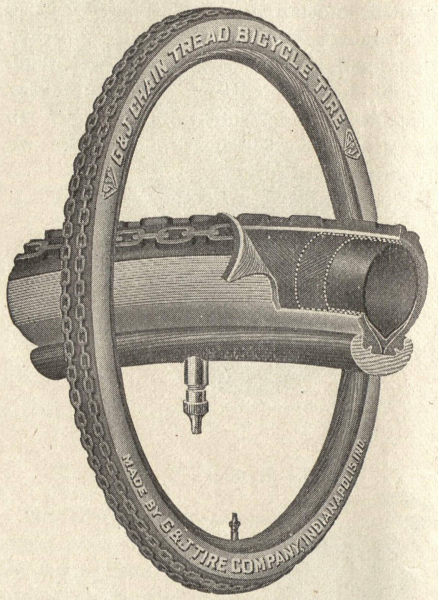
Ironsides



A full size tire with heavy tread. Two-ply fabric with two extra fabric protection tread strips. White side wall with heavy red studded tread.

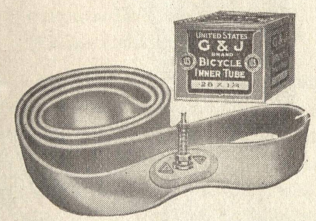
28 x 1½ $3.80 per pair

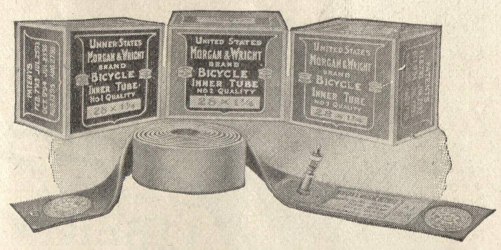
TIRES AND TUBES



U. S.
G. & J.
28 x 1½–1⅞ inch

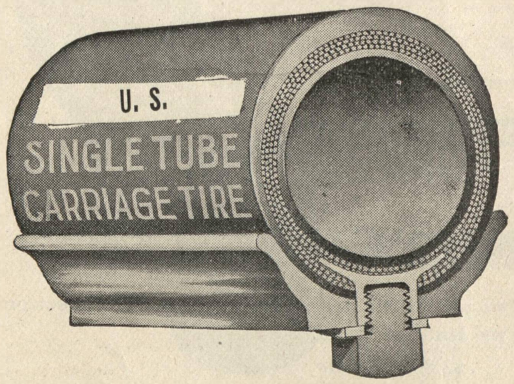
Tires complete	$9.20 per pair
Casings only	3.45 each





U. S. Bicycle Inner Tubes

U. S.	$1.15 each
G. & J., U. S.	1.15 each



U. S. Single Tube Carriage Tires

34 x 2 inch	$11.50 each
36 x 2 inch	13.50 each

IMPORTANT

When ordering Single Tube Carriage Tires please state whether for wood or metal rims, and number of lugs required.

CALCUTT'S QUICK REPAIR TIRES FOR GO-CARTS

AND OTHER VEHICLES

THE BEST, QUICKEST AND MOST PRACTICAL TIRE

Display Card For Your Window, "GO-CARTS RE-TIRED WHILE YOU WAIT," Furnished With Every Box of Half-Inch Size

READ Directions for Applying and Follow Instructions

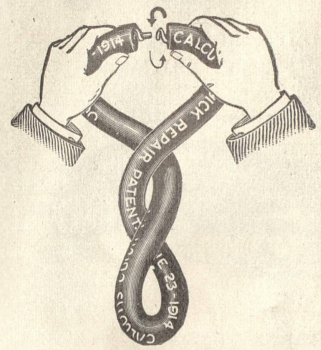


Figure showing end of tire with coupling pin firmly held in ***left hand*** after twisting other end of tire towards you four complete revolutions.

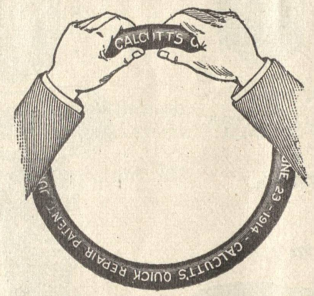


Figure showing tire back to natural position after you push together and screw ***from you*** by turning to the right. Note, no kinks or twists, ready to apply on wheel.

Calcutt's Quick Repair Tire Holder

In every box of ½-inch tire, made expressly for this purpose.

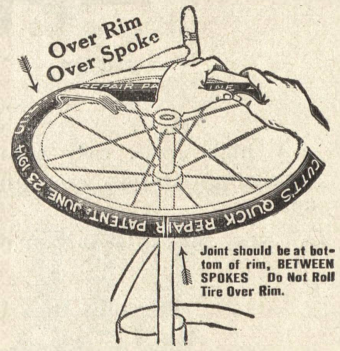


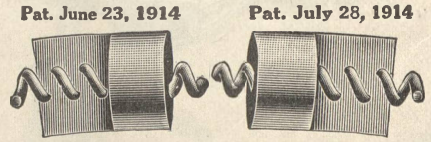
Figure showing how easy it is to retire a wheel, without rolling tire over rim.

Showing coupled section of tire in channel of wheel between spokes, ready to snap on. Stretch over wheel as shown above. Must snap on very tightly.

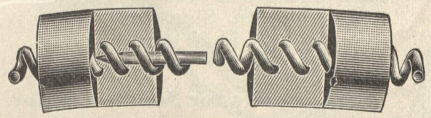
COILED WIRE RUNS THROUGH ENTIRE LENGTH OF TIRE

Sectional views of Calcutt's Quick Repair Tire. Coiled wire runs through entire length of tire—preferably with the coupling pin as its ends. It helps to turn the ends of coils together.

Pat. June 23, 1914 **Pat. July 28, 1914**



Sectional view ready to join ends without Coupling Pin



Sectional view—ready to join ends with Coupling Pin

Sectional view after joining ends with Coupling Pin

Saves labor. Not necessary to remove wheels when re-tiring. Made of extra quality rubber. No machine necessary. Complete instructions with each box.

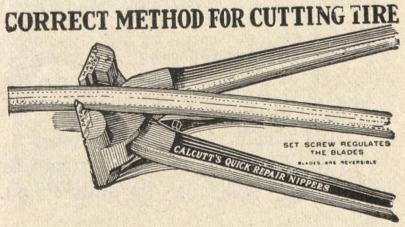
With coupling pins, in sealed box:

50 feet	⅜	-in.	tire,	weight	7	lbs.,	List	Price,	$ 7.50
50 "	½	"	"	"	10	"	"	"	10.00
50 "	⅝	"	"	"	14	"	"	"	15.00
50 "	¾	"	"	"	19	"	"	"	20.00
50 "	⅞	"	"	"	27	"	"	"	26.00
50 "	1	"	"	"	36	"	"	"	32.00

Quick Repair Nippers

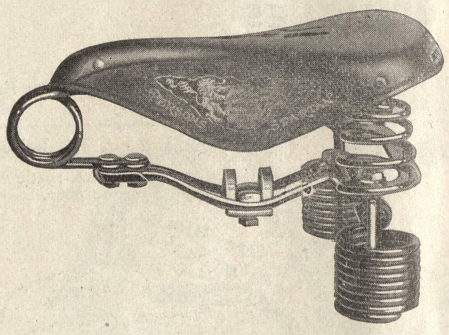
Useful in cutting rubber tires and can be used for cutting bolts, screws, etc. Adjustable, reversible blades. Fourteen inches in length, and made expressly for this purpose. Each, $4.70

CORRECT METHOD FOR CUTTING TIRE



SADDLES

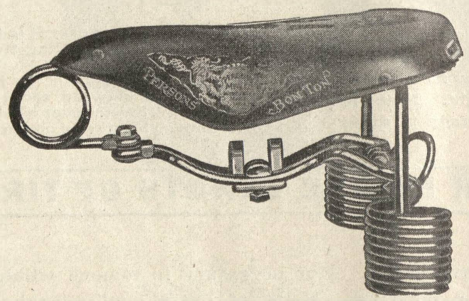
Person's Spartan



A high grade, easy riding saddle, single front spring, compound rear springs.

Size, 10½ x 7½ inch $3.00 each

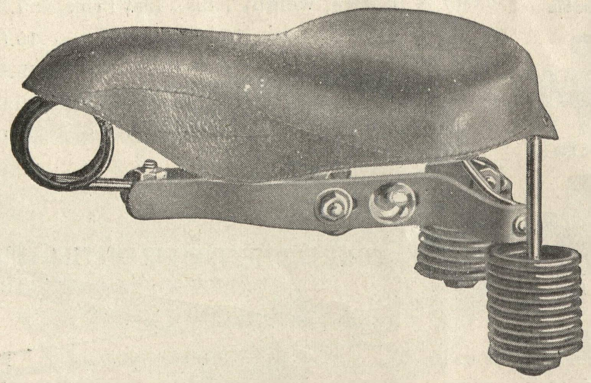
Person's Bon Ton



Made of good materials in a first-class manner. Very popular.

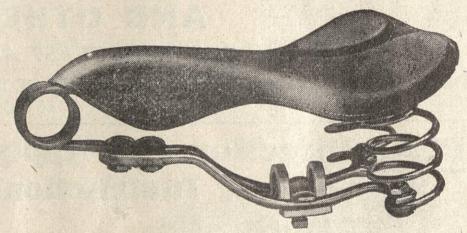
Size, 9¾ x 7½ inch $2.50 each

Reading Model N-37



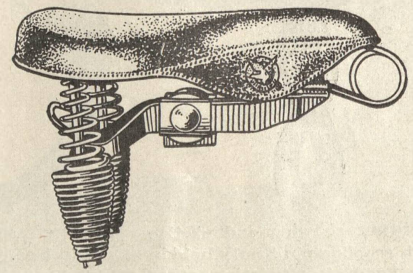
Is a sound and well built saddle of a popular construction. Size, 10¾ x 8½ inch $3.50 each

Person's Model C-2



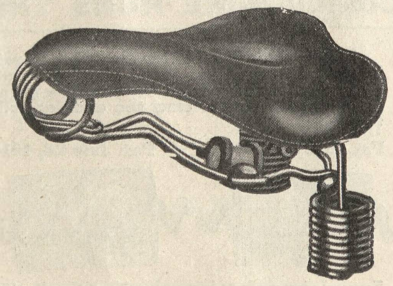
Fitted with Universal springs.
Size, 11 x 7½ inch $1.75 each

6-CS, Ladies' Saddle



Fitted with double coil spring.
Size, 7¾ x 8¼ inch $2.00 each

Reading J-16



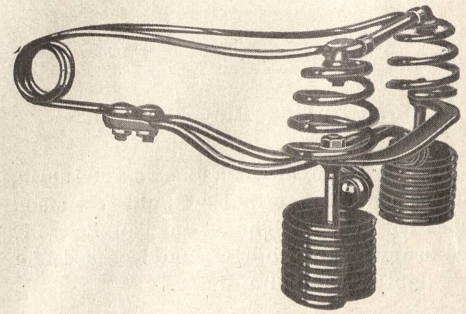
A high grade juvenile coil spring saddle. Size, 9 x 7 inch
$1.50 each

Set Screws for Saddle Clamps

Nickel plated, standard size, ⅜ x 16 thread Each, $.05

SADDLE SPRINGS, CLAMPS, ETC.

Cushion Comfort Spring

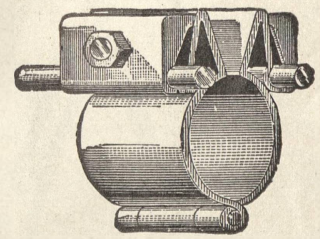


Will fit any wood base saddle. Although the spring has only been on the market a short time the sale is bound to be large.

The **Cushion Comfort Spring** will not hit bottom.

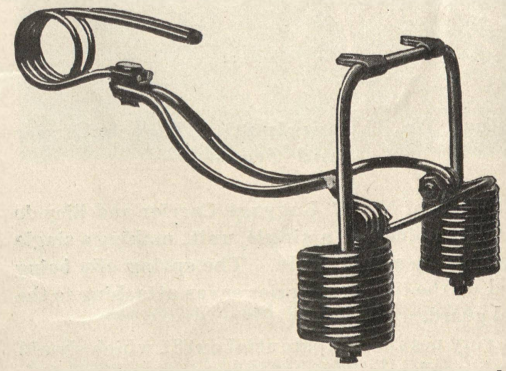
Each, $1.25

Chalfant Saddle Clamp



To rest on frame.
Sizes, 1 inch and 1⅛ inch.
Each, $.50

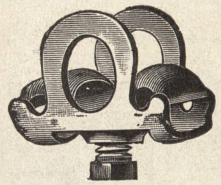
The Perfection Spring



Will fit any wood base saddle. Made of good material, strong and very comfortable. Fix up your old saddle with this spring; it will make a high grade job at little expense.

Each, $1.00

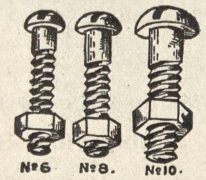
Common Saddle Clamp



Fits any saddle.

Each, $.20

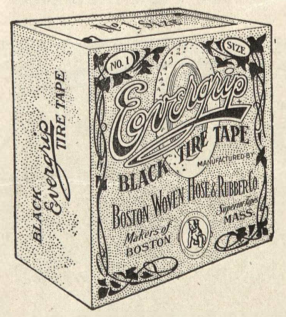
Round Head Nickeled Steel Screws



Used on toe clips, bells, mud and chain braces, etc. All come in 32 thread only.

No. 6 Screws are ⅜, ½, ⅝, ¾ and 1 inch long.
No. 8 Screws are ⅜, ½, ⅝, ¾, 1 and 1¼ inch long.
No. 10 Screws are ⅜, ½, ⅝, ¾, 1, 1¼, 1⅜, 1½, 1¾ and 2 inch long.
Bolt and nut Each, $.02

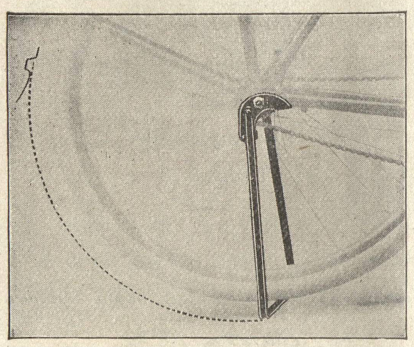
Evergrip Black Tire Tape



High grade, heavy friction, black tape for all uses. Guaranteed not to dry up.

1 ounce rolls	Each, $.05
2 ounce rolls	Each, .10
4 ounce rolls	Each, .20
8 ounce rolls	Each, .40

BICYCLE STANDS, CARRIERS, ETC.

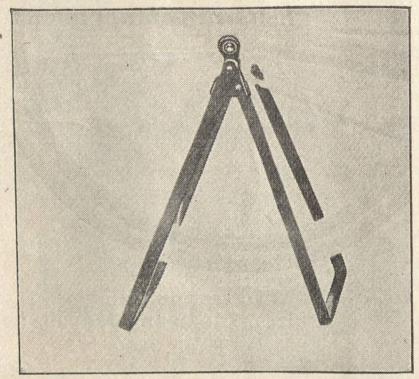


Maforco No. 68 Bicycle Stand

Made of strong channel steel, black enamel finish, and is furnished with a clip that holds the stand firm when not in use. The stand can be easily attached to any make of bicycle and is a model for strength, lightness and simplicity.

Price each, $.50

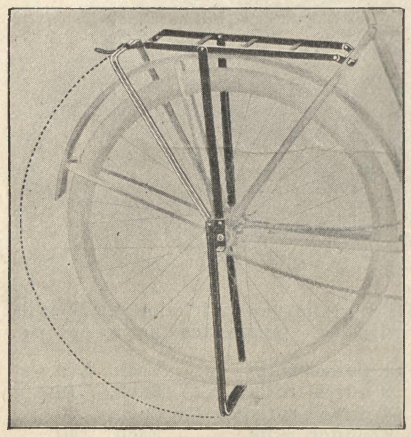
Maforco No. 74 Bicycle Folding Floor Stand



The bicycle is held very firm by the springy action of this stand, and the eyes will take in all sizes of nuts. It is made of heavy cold rolled steel, enameled black.

The stand has a flat base and round corners, and will therefore cause no damage to floor or carpet. Handy for displaying bicycles or for the repairman. Can be readily folded together when not in use.

Price each, $. 60



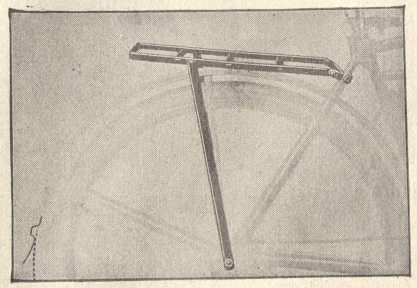
Maforco No. 80 Combination Bicycle Carrier and Stand

Consists of No. 67 Luggage Carrier and Bicycle Stand combined as a single unit, making a single appliance on a short axle. The spring clip being fixed on the luggage carrier saves attaching to the mud guard.

A very neat and substantial outfit which should be a big seller.

Price each, $1.00

BICYCLE CARRIERS, ETC.

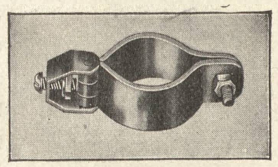


Maforco No. 67 R Luggage Carrier

Made of cold rolled steel, enameled black. The upright braces are ¾ inch stock, thus making the carrier very strong and durable. Has proven to be one of the most popular luggage carriers on the market.

Price each, $.50

Maforco No. 88 Head Clamp



Adjustable to 1¼ and 1⅜ inch bicycle heads. By using this head clamp, the No. 67 Carrier can be readily attached to the front of any bicycle.

Price of clamp only, each $.15

American Heavy Service Package Carrier

A safe and sure carrier for retail store quick deliveries.

You can load this basket to the brim and ride it anywhere a wheel will go without bouncing or vibration.

The supporting forks hold it fast, forming a triangle over the front wheel hub, perfectly balancing the weight and carrying it where it belongs.

Adjustable to any wheel head, basket can always sit level.

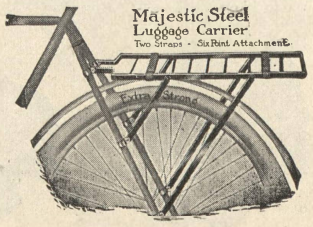
Galvanized after making—will not rust.

Made in three sizes, all complete with straps and front supporting forks.

S46 16 x 12 x 5 in. deep, $2.50 each
S47 18 x 12 x 5 " " 3.00 "
S48 20 x 14 x 6 " " 3.50 "

Cannot scratch the wheel.

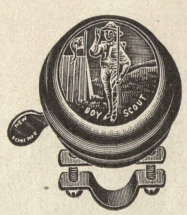
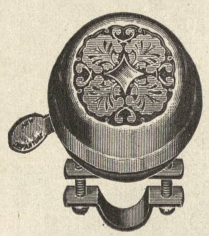
Majestic Steel Luggage Carrier

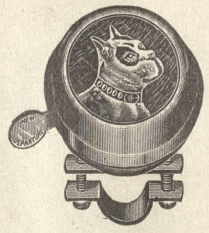
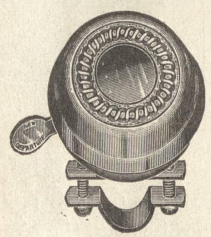


The **Majestic Steel Luggage Carrier,** including the side arms, is constructed of heavy ½ inch steel and attaches to the frame at six different points, and will carry a very heavy weight.

Each, $1.25

NEW DEPARTURE BELL ASSORTMENTS

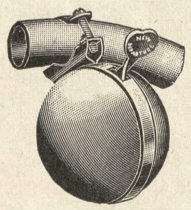
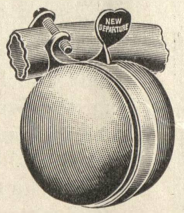
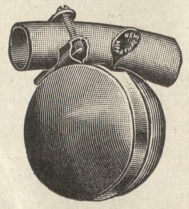
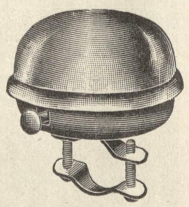
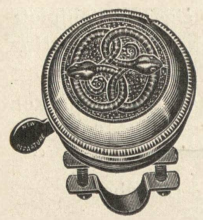



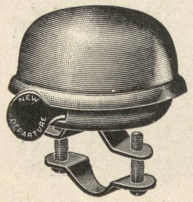
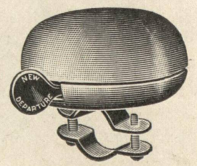
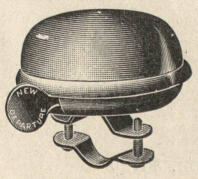
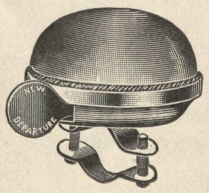



Mascot Assortment

This assortment consists of six handsome bells with flat top gongs decorated in brilliant colors with unique "good luck" designs. The gongs are steel and electrically welded to the hub of the bell, therefore, the tone is unusually pure and free from clatter. The dozen bells are individually boxed in a container. The assortment comprises two each of the following designs: Boy Scout, Pocahontas, Horse, Dog, Grecian and Scroll.

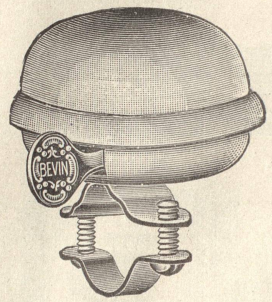
Chime Assortment

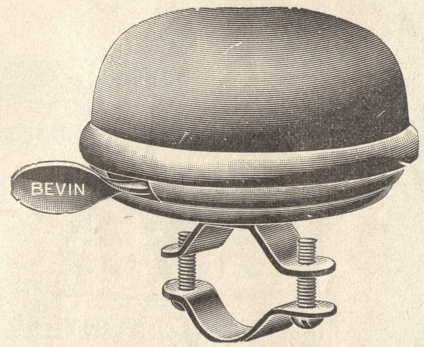





This assortment consists of the ten best sellers in the New Departure line and comprises push-button as well as rotary lever bells. Packed one dozen in a container and includes one each of 35-C, Leader Scorcher, Leader Chime, 332-B, 312-B, 312½ Leader Fancy, 2⅛ inch Serpent design, 413 and three Leader Plain.

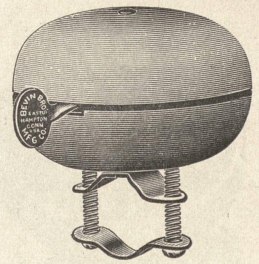
BELLS



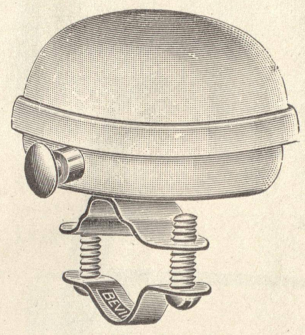
No. 810
1¾ inch rotary electric stroke
Each, $.30



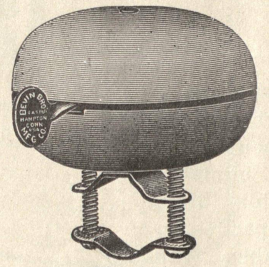
No. 710
2 inch rotary electric stroke
Each, $.35



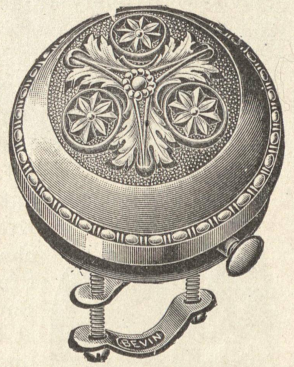
No. 105
2½ inch electric chime
Each, $.50



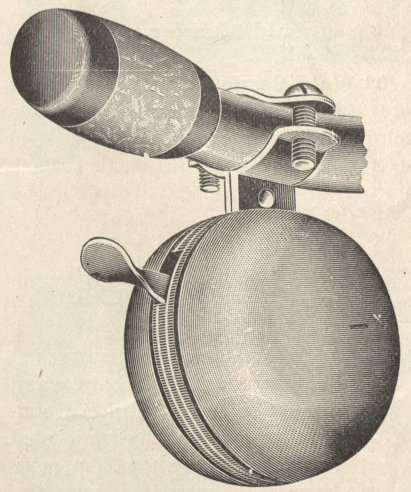
No. 110
2 inch push button, continuous ring
Each, $.65



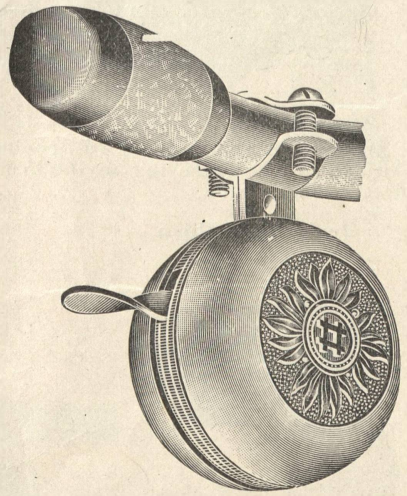
No. 104
2½ inch echo double stroke chime
Each, $.45



No. 108
2 inch push button, continuous ring, fancy top
Each, $.85

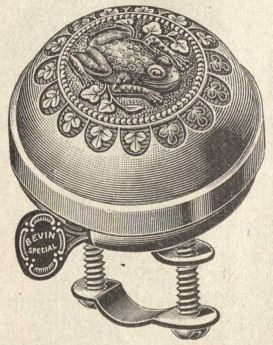


No. 8-0
2½ inch royal chime rotary movement, stationary gongs
Each, $.80

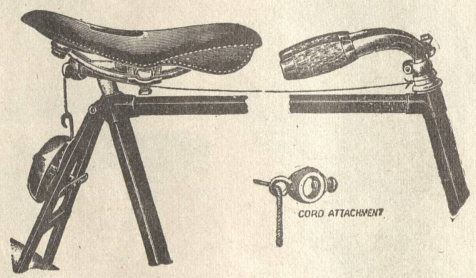


No. 10-0
2½ inch royal chime rotary movement
Jap design, enamel in colors
Each, $1.00

BELLS, ALARMS, HORNS, ETC.



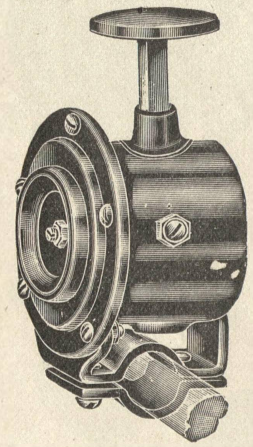
No. 47
1¾ inch electric rotary stroke
Fancy top
Each, $.50



Clear-the-Road Alarms

No. 86. 4 inch Clear-the-road Each, $1.25

The Rollfast Bicycle Hand Horn

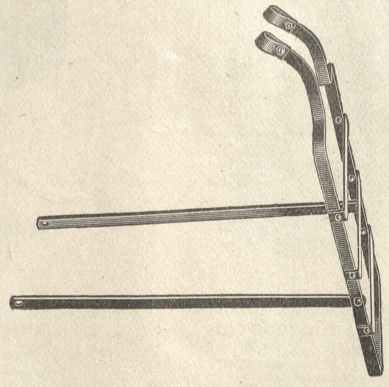


The horn you have been looking for. A miniature automobile horn. Every part interchangeable. Beautiful in design. Emits a loud sound at the slightest touch of the plunger. Can be used either on bicycle or motorcycle. The bracket fits either handlebar.

Size 3 x 3 inch.
Finish all black
Each, $1.50

Type B-M

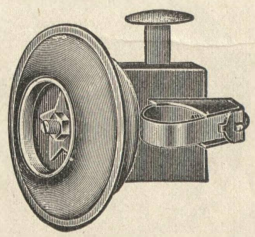
Weekly put a drop of oil in opening 13. Adjust for tone by moving anvil 9 in or out, first loosening nut 8.



Wald Carrier

No. 103 **Wald Carrier** is expressly made for Motor Bikes with an extra long extension to reach in under the saddle to be attached to the frame. Finished in black enamel.
Each, $.50

Bevin Hand Horn



Push the lever, clears the way with a loud, penetrating tone. Requires no batteries or wiring.
Each, $1.00

Rear Signal Light
(No. 15)

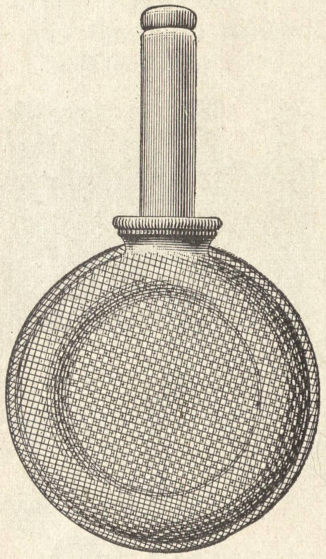
These **Signal Lights** attach to the rear stay of the bicycle and are set in cases of special non-rusting metal, heavily nickeled and highly polished. The lenses have semi-oval front and of a clear, deep ruby, reflecting a light a very long distance.
Each, $.50

OILS, LUBRICANTS, OIL CANS AND NIPPLE GRIPS

Three in One

Small size, $.15 bottle
Large size, .25 bottle

No. 8227 Oil Can



Each, $.15

$.05 per stick

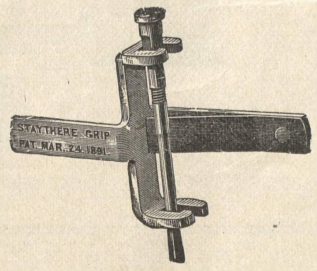
Lubricants

$.10 per stick

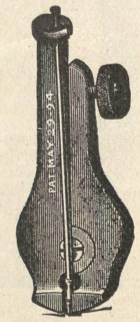
Collapsible tube
Each, $.20

Patented. **Reduced Cut.**
Victor $.25 each

Nipple Grips



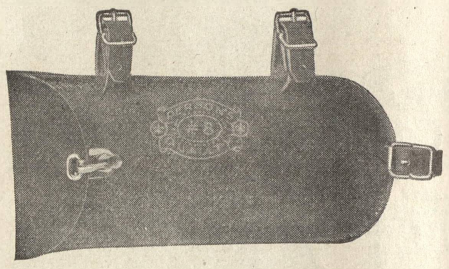
Staythere $.15 each



No. 1 Perfect
Each, $.75

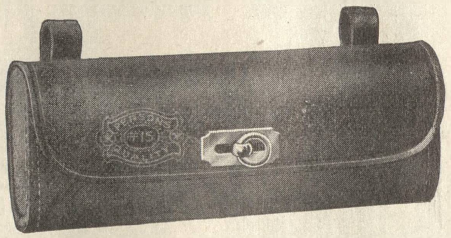
TOOL BAGS, LOCKS, ETC.

No. 8 Tool Bag



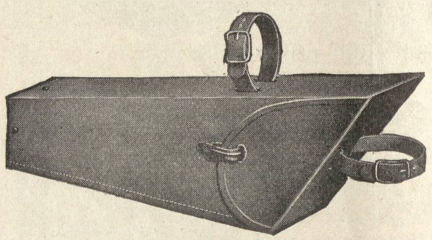
Split leather Each, $.30

No. 200 Tool Bag



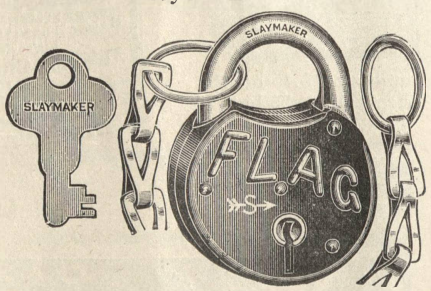
Grain leather Each, $.75

No. 100 Tool Bag



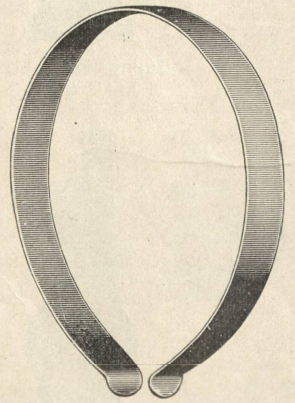
Grain leather Each, $1.00

Bicycle Lock



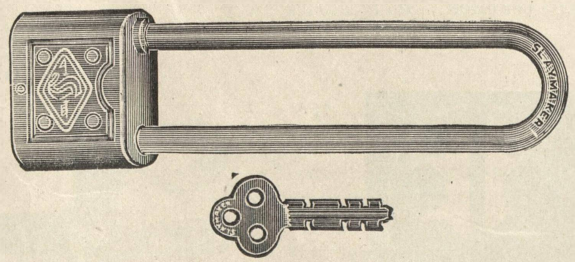
No. 4027 with chain Each, $.40

Trouser Guards



Perfection
Per pair, $.10

New Extension Lock



$.60 each

STEVENS "ONE-PIECE" REPAIR HANGER

ANY SPROCKET FITS—This Hanger Fits Any One-Piece Bracket

NOW for the **first time**, the dealer's hanger replacement problem **has been solved**—by Stevens.

Satisfies Every Requirement

The new Stevens ONE-PIECE Repair Hanger will fit **any** one-piece bracket PERFECTLY. It's **quality** the best known bicycle factories could be **proud** of. It requires only a **small** stock. It costs you **less** than an ordinary repair hanger.

Use Your Own Sprockets

Any sprocket fits. The patented GROOVED CRANK saves you real money by permitting you to use up all the sprockets now in your shop.

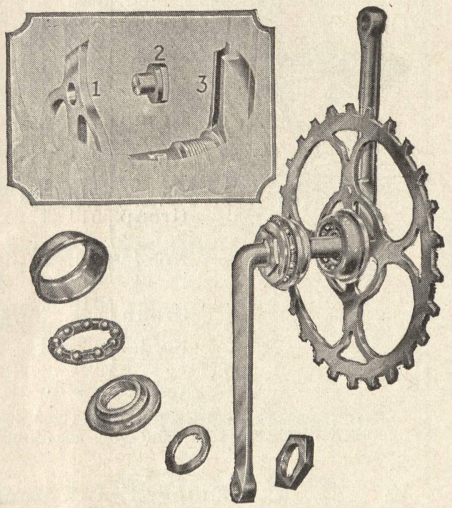
You save also through the simple arrangement of 5 cup sizes, requiring only 2 cone sizes, which fit any one-piece bracket exactly.

Costs Little to Stock Complete

So when you stock 5 complete sets of Stevens ONE-PIECE Hangers, you can tackle any one-piece hanger job WITHOUT DELAY. This stock requires only a small investment—less than one half your cost of a bicycle.

High Grade in Looks and Service

The QUALITY is of the very finest—high carbon steel, accurate threading—cups and cones hardened, ground and



polished—two-point, self-aligning cones—beautiful nickeling.

You will recommend Stevens Hanger to the most particular customer. You **can afford** to use it on **all** jobs. It actually costs you **less**, because ANY SPROCKET FITS.

Loaded Ball Retainers are included with all complete sets or sets complete less sprockets. No reduction when retainers are not wanted.

For surest results always use complete Stevens Equipment—easier to assemble, better service. Specify STEVENS.

Easy to Order Cups and Cones.—Tell us the inside diameter of the bracket and we shall send correct cup and cone sizes shown in the table below:

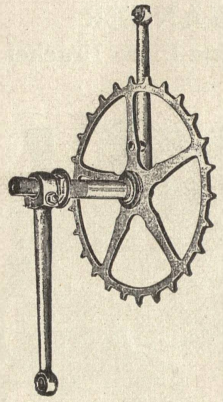
Inside Dia. of Bracket	Cups	Cones		Retainers
		Left	Right	
1 3/4″	No. 109	No. 151	No. 152	No. 99 with
1 13/16″	No. 111	Adjusting	Stationery	11-1/4″ balls
		Left	Right	
1 15/16″	No. 115			
1 31/32″	No. 116	No. 155	No. 156	No. 64 with
2 1/32″	No. 118	Adjusting	Stationery	9-5/16″ balls

— List —

Part	List
One-Piece Crank only	$2.50
Cups per pair, all sizes	.80
Cones per pair, all sizes	.80
Nuts and "Key" Washer	.25
Complete, less sprocket	4.00
Sprocket	1.75
Complete with sprocket	$5.50
No. 64 Retainers with 9 5/16″ balls, pair	.50
No. 99 Retainers with 11 1/4″ balls, pair	.35
Adjustable Driving Studs, each	.15

CRANK HANGERS AND PARTS

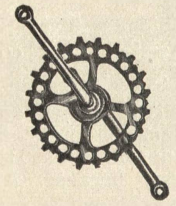
Stevens Repair Hanger, Cups and Cones



	Cup No.	Outside Diameter	Size of Balls	Cone No.	Outside Diameter	Inside Size	Fits Group No.
Group No. 1	501	1½ inches	¼ inches	551	1⅜ inches	11/16x24	L. H. 1
	502	1 1/32 inches	¼ inches	552	1⅜ inches	⅜x24	R. H. 1
	503	1 9/16 inches	¼ inches				
Group No. 2	504	1 19/32 inches	5/16 inches	553	1 7/16 inches	11/16x24	L. H. 2
	505	1⅝ inches	5/16 inches	554	1 7/16 inches	⅜x24	R. H. 2
	506	1 21/32 inches	5/16 inches				
	507	1 11/16 inches	5/16 inches	555	1⅝ inches	11/16x24	L. H. 3
	508	1 23/32 inches	5/16 inches	556	1⅝ inches	⅜x24	R. H. 3
Group No. 3	509	1¾ inches	⅜ inches				
	510	2 5/32 inches	⅜ inches	557	1¾ inches	11/16x24	L. H. 4
	511	1 13/16 inches	⅜ inches	558	1¾ inches	⅜x24	R. H. 4
	512	1 27/32 inches	⅜ inches				
	513	1⅞ inches	⅜ inches	559	1 13/16 inches	11/16x24	L. H. 5
Group No. 4	514	1 29/32 inches	⅜ inches	560	1 13/16 inches	¾x24	R. H. 5
	515	1 15/16 inches	⅜ inches				
	516	1 31/32 inches	⅜ inches				
	517	2 inches	⅜ inches				
Group No. 5	518	2 1/32 inches	⅜ inches				
	519	2 1/16 inches	⅜ inches				
	520	2 3/32 inches	⅜ inches				
	521	2⅛ inches	⅜ inches				

All the cups in any one group are of the same inside diameter and therefore all cups in one group are fitted by one pair of cones. It takes only five pairs of cones to fit the 21 sizes of cups. There are 21 outside diameters to the cups but only 5 inside diameters.

NOTE:—Above we give a list of all the cups and cones and their sizes and also state which cups each pair of cones will fit. Every cup and cone has a number. ORDER BY NUMBER. Hanger Complete, $5.50.



Juvenile

Fauber Crank Hanger

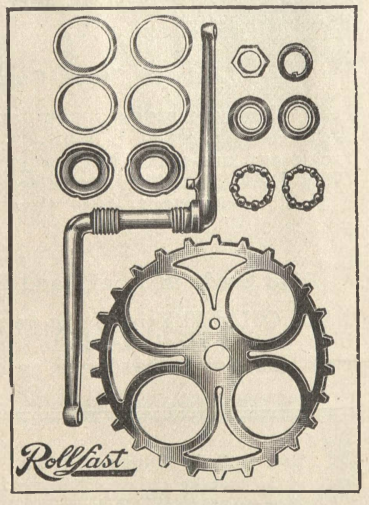
Fauber Juvenile	Each
Complete	$5.00
Cranks, 4½ and 5½ inch	2.00
Sprockets, 17 to 20 tooth, 3/16 in.	1.60
Cups	.50
Lock Nuts	.20
Lock Washers	.06
Ball Retainers, flat	.06
Cones	.30

Fauber Special

Complete	$5.50
Cranks, 7 inch, round	2.50
Cranks, 7 inch, diamond	3.00
Sprockets, 22 to 28 tooth, 3/16 inch	1.60
Sprockets, 22 to 28 tooth, 3/16 inch recessed	1.70
Cups	.50
Lock Nuts	.20
Lock Washers	.06
Ball Retainers, flat	.06
Cones	.30

Rollfast One-Piece Crank Hanger

For Repairs and Replacements



The **Rollfast One-Piece Crank Hanger** is a high grade and well designed crank hanger with fittings complete, all parts heavily nickel plated and polished. Is especially designed and finely adapted for bicycle repairs and replacements, and is easily and quickly inserted into frame brackets. It consists of a shaft and cranks in one piece, the cranks each 7 inches long, drilled and tapped for pedal shaft; removable sprocket with 24 or 26 teeth; crank shaft is 3¼ inches long from inside of sprocket to adjusting lock nut, and will fit brackets from 2½ to 3¼ inches wide; has cups 25/32 of an inch in diameter, also two sets of extra bushings to make cups 1 15/16 and 2 1/32 inches in diameter, allowing a wide range of cup sizes. Is furnished complete with balls, ball retainers, key washer and lock nut. Dealers will find this crank hanger exceptionally good value and very low priced. $5.50 Complete.

Special Telephone Notice

In order to save *unnecessary delay* and expense when telephoning us be sure to mention our telephone number.

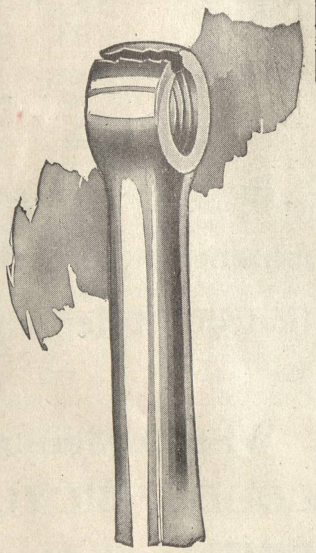
When ordering SADDLERY, SPORTING GOODS, BICYCLES, or BICYCLE SUNDRIES call up our Middle Street Store,—telephone No. 5391.

When ordering AUTOMOBILE SUPPLIES call up our Free Street Store,—telephone No. 3491.

This precaution in mentioning telephone number will often save *making wrong connection*.

THE JAMES BAILEY COMPANY.

The Danger of a split crank eye is avoided with "J.G." Pedals



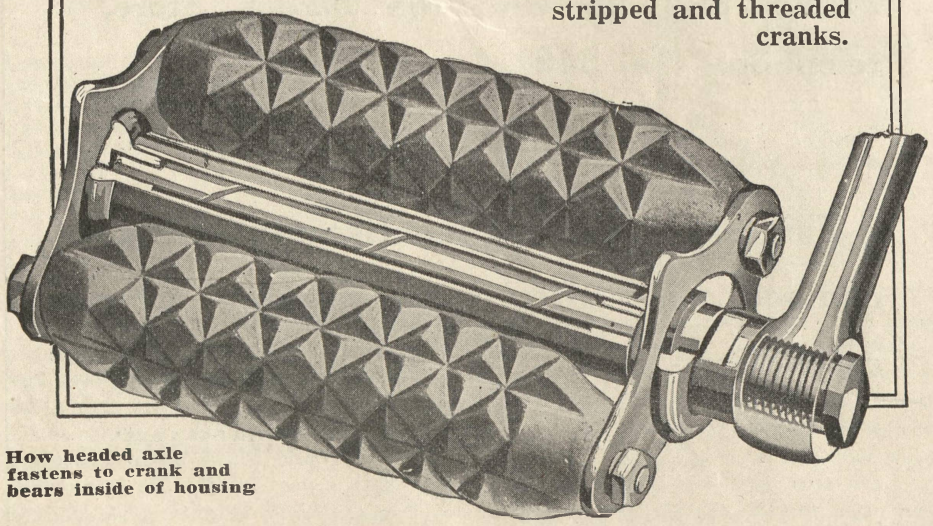
YOU really strengthen the eyes of a stripped crank with the "J. G." Pedal, because its headed axle fastens solidly without altering the crank. No bushing, no reaming to oversize is necessary. The only tool required is an ordinary wrench.

"J. G." not only directly fits any stripped crank, but it's the huskiest of pedals, strong as a steel girder. Its all-steel bearing parts are so carefully hardened and machined that balls are not needed, thereby eliminating the chief cause of pedal troubles.

We fully guarantee that the "J. G." Pedal will outlast the bicycle under the hardest use.

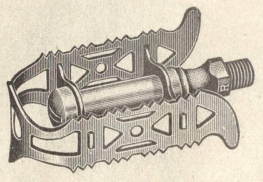
The rider's price on "J. G." Pedals has dropped to $2, per pair—wonderful value because he gets a permanent remedy for the stripped crank, plus the sturdiest pedal. Write your jobber for discount today.

Only "J. G." fits both stripped and threaded cranks.

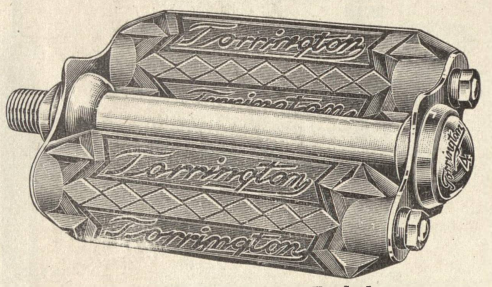


How headed axle fastens to crank and bears inside of housing

PEDALS, PEDAL RUBBERS, CRANK TAPS, ETC.

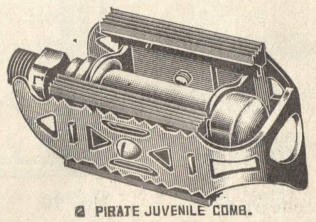


Per pair, $1.25

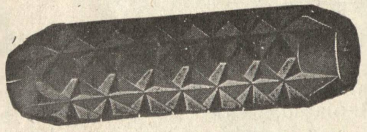


No. 6 Torrington Pedal

Per pair, $1.75



No. 2 Pirate Ladies'or Juvenile Combination
Per pair, $1.35

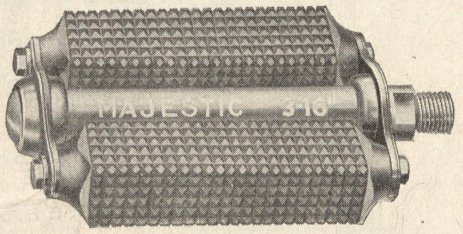


Rubbers for No. 5

Per set of four, $.50

Majestic Ladies' Pedals

Per pair, $1.50

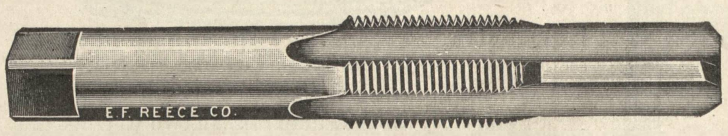


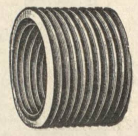
Majestic No. 20 Pedal

The new Majestic, No. 20 is fitted with Soft Long wearing rubbers with fine Pyramid treads
Also $\frac{3}{16}$ Balls and Ball Retainer

Per pair $1.50

Crank Taps and Bushings



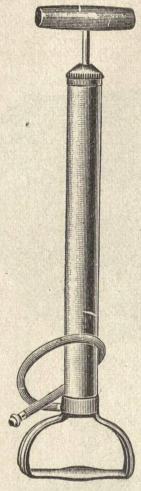


Set No. 1 consists of 6 pairs of bushings and 1 pair of combined reamers and taps.
Per set, $2.50

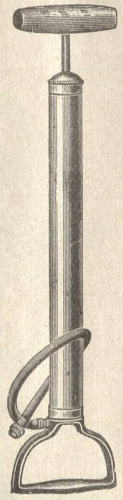
Crank taps only $1.50 per pair

Set No. 2 consists of 12 pairs bushings Per pair, $.15

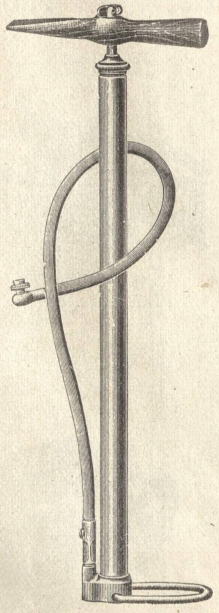
PUMPS, PUMP TUBING, HOSE BANDS, ETC.



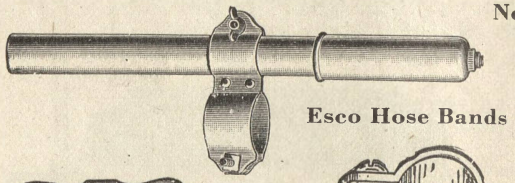
No. 2B Special
High grade seamless barrel, cast base, nickel plated, extra finish, 1¼ x 12 inch.
Each, $ .70



No. 2
Seamless barrel, cast base, nickel plated, 1⅛ x 12 inch.
Each, $ .60



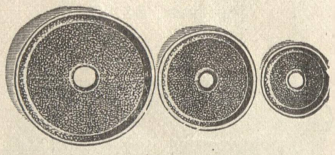
No. 90
Folding base, 1¼ x 22 inch.
Each, $2.50



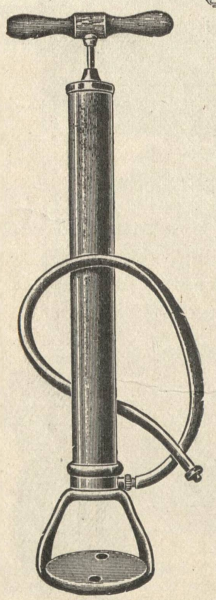
No. 35 Telescope Frame Pump
⅞ x 10 inch
Each, $ .65

Esco Hose Bands

No. 1, ⅜ inch inside diameter.
No. 2, 7/16 inch inside diameter.
No. 3, ½ inch inside diameter.
Each, $.05

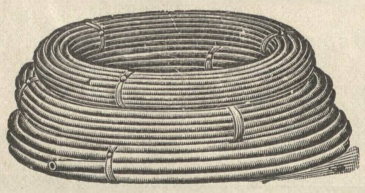


Pump Leathers
We carry the following sizes:
⅞, 1, 1⅛, 1¼, 1½, 1¾, 2, 2½ inch.
Prices vary from 2 to 10 cents each.



No. 102
Shop Pump, 1¼ x 20 inch.
Each, $2.50

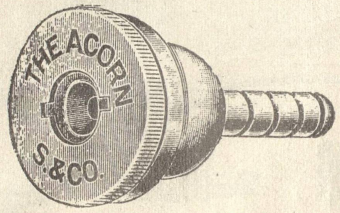
Hand Pump
Each, $ .25



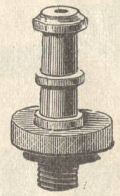
Pump Tubing

We carry rubber **Pump Hose** in two weights, two-ply which is suitable for single action pumps, and five-ply for double action pumps. We also carry hose in two sizes, 3/16 and ¼ inch inside diameter. When ordering, kindly specify which you prefer.

PUMP CONNECTIONS, TAGS, ETC.

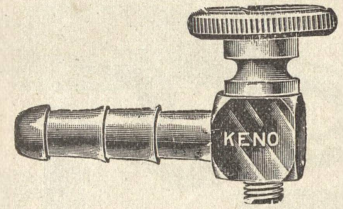


Acorn Pump Connection
Each, $.25
Extra rubbers Each, $.05



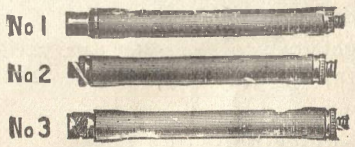
S. K.
Each, $.10

Keno



Each, $.25

Hand Pump Stems

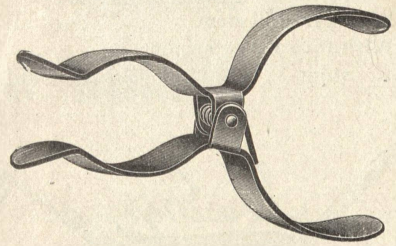


No. 1 fits hand pumps made by Waterbury.
No. 2 fits hand pumps made by Noera and Bridgeport.
No. 3 both inside and outside nipples are K thread.
Each, $.15

K
Each, $.05

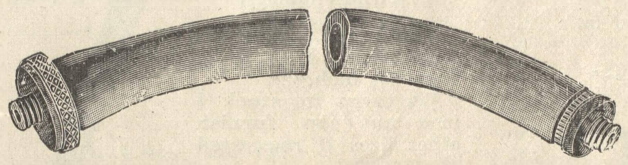
Frame Pump Stems No. 40
Each, $.20

Special Frame Pump Clip

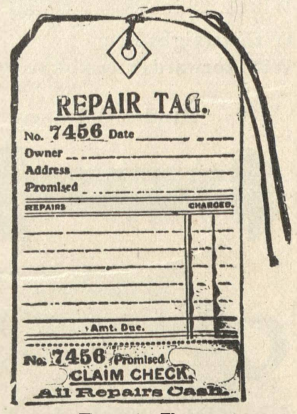


Each, $.15

Foot Pump Stems

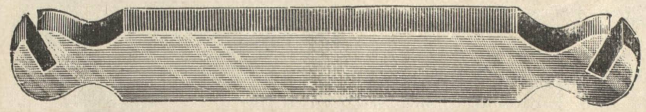


No. 122. 12 inch hose with swivel K in one end and K in other end. Each, $.25



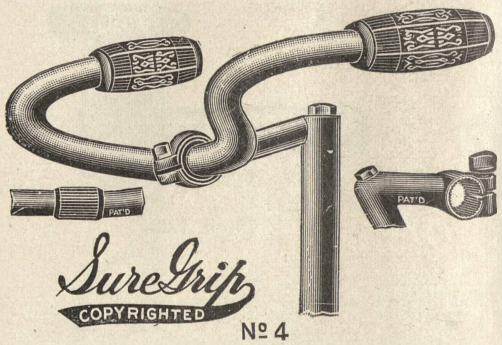
Repair Tags
Perforated and fitted with strings.
Per thousand, $6.00

No. 1 Wire Twister—For Baby Carriage Tire Wire



Each, $.25

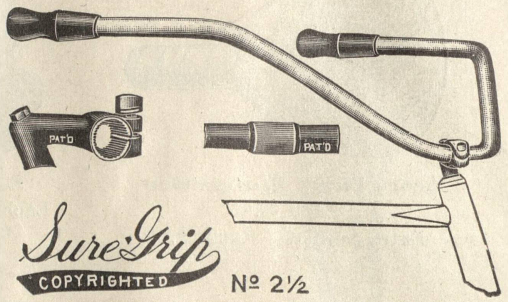
HANDLEBARS, STEMS, EXPANDER BOLTS, ETC.



No 4

Drop, 3½ inch. Forward bend, 2½ inch. Width, 22 inch.

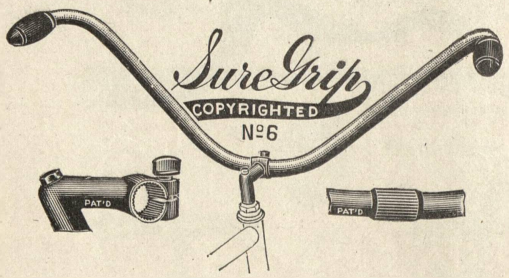
With straight stem Per pair, $1.75
With forward extension stem Per pair, 1.75



No 2½

Raise, 5½ inch. Width, 20½ inch. Straight across center, 5 inch. Back bend, 9 inch. Straight grip, 4½ inch.

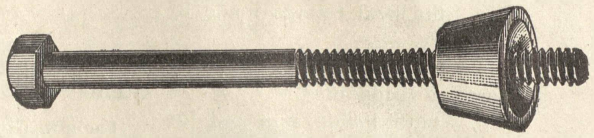
With straight stem Per pair, $2.00
With forward extension stem Per pair, 2.00



Drop, 6 inch. Forward bend, 3 inch. Width, 22 inch.

With straight stem Per pair, $1.75
With forward extension stem Per pair, 1.75

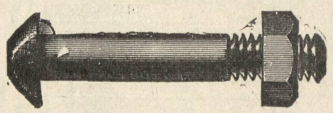
Expander Bolts and Lugs



Expander Bolts are threaded up from 2¼ inches on the smaller sizes to 5 inches on the larger sizes. Heads are finely buffed and nickeled. 5, 6, 7, 8, 9 and 10 inches long.

Bolt and lug $.15 each

Binder Bolts and Nuts



Assorted sizes and threads.

$.15 each

Seat Posts

(With expander)

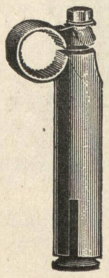
5 inch top, 9 inches long. Sizes, ¾, 13/16, ⅞, 15/16, 1 and 1 1/16 inch.

We carry in stock ⅞ inch but can furnish other sizes if requested at extra cost.

$.75 each

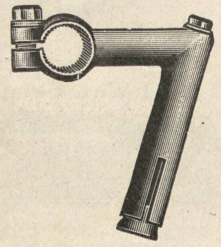
Handlebar Stems

(With Expander)

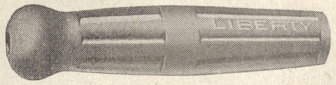


Adjustable—¾, 13/16 and ⅞ inch, diameter with 5¼ inch, down-stem with hole for ⅞ inch bar top with 1 inch ferrule. $.60 each

Extension—Tube stem forward throw 2¾ inch, down-stem 4½ inch, ¾, 13/16 and ⅞ inch diameter with hole for ⅞ inch bar top with 1 inch ferrule. $.60 each



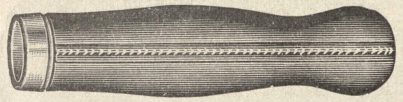
Liberty Rubber Grip



This is the best Rubber Grip on the market for the money.

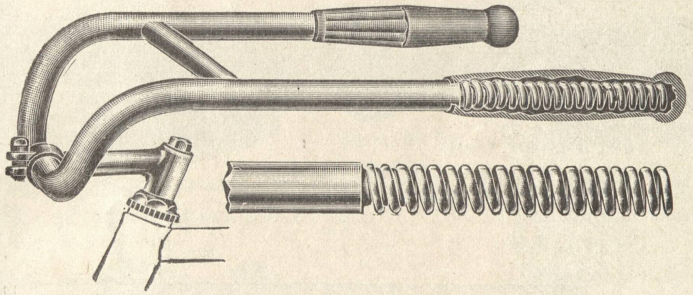
Per pair, $.50

Bull Dog Grips



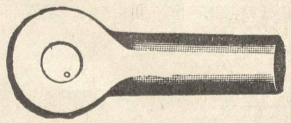
Per pair, $.60

Braced Handle Bar and Spring End



This is something new in the Handlebar line and will sell well. $3.00 per pair

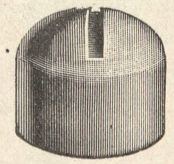
Crank Repair Tips



Tapped ½ x 20 or 24 thread, right and left.

Per pair, $.50

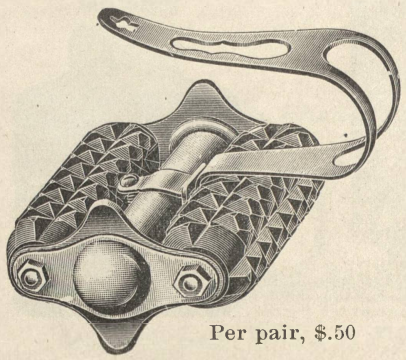
Pedal Caps



To fit Standard and Bridgeport pedals. Polished and nickeled.

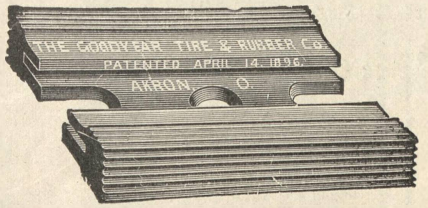
Each, $.15

No. 1 Star Toe Clip



Per pair, $.50

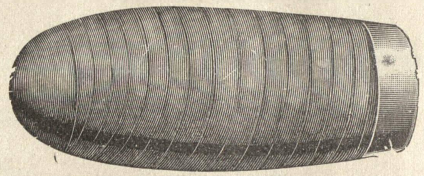
"Snap-On" Pedal Rubbers



A very popular style. Adjustable to any pedal. 2¼ inches long, 7/16 inch wide.

Per set, $.50

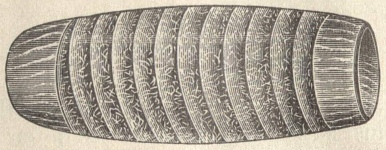
GRIPS, BRAZING MATERIALS, CARBIDE, ETC.



No. 75 Wound Leather Grip

Made of same material as No. 68 grip, but is equipped with one nickel end which adds greatly to its appearance. Size $\frac{7}{8}$ inch only.

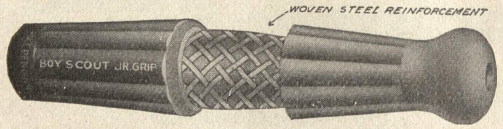
Per pair, $.30



No. 68 Wound Leather Grip

A strong, well made grip. Has a wood core with wound leather center and natural finish ends. Sizes, $\frac{3}{4}$ and $\frac{7}{8}$ inch.

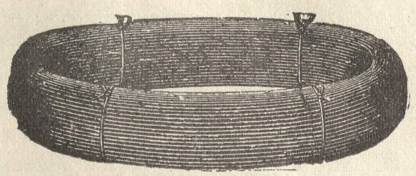
Per pair, $.25



Boy Scout Junior Grip

This grip is of the same design as the regular motorcycle grip, but smaller in size, and is made especially for use on bicycles.

Per pair, $.60



Brazing Wire

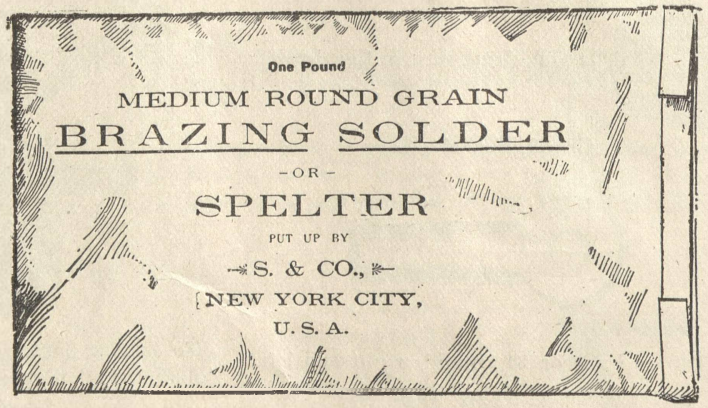
Soft round **Brazing Wire.** Finest quality.

Per pound, $.75

Brazing Solder

Sometimes called "spelter," but **Brazing Solder** is correct. We handle best grade; will fuse at low heat. One size, medium, round grain. Put up in one pound cloth lined envelopes.

Each, $.75



Superior Brazing Compound

1 pound package Each, $.75

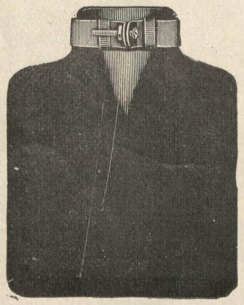
Calcium Carbide

UNION CARBIDE

PACKED IN GRAY CANS WITH BLUE BANDS CAPACITY 2 LBS.

Each, $.35

Front Mud Guard Splasher



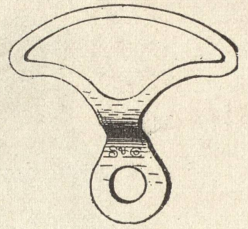
Each, $.35

BICYCLE CHAINS, CHAIN GUARDS, LACING CORD, ETC.

Duckworth Block Chains

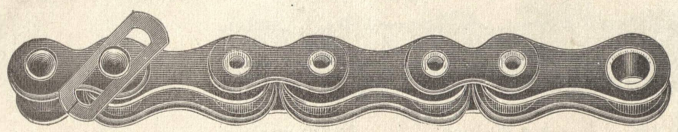
No. 45. $\frac{1}{4}$ x 60 inch, plain blue sides, straw blocks.
Each, $2.50

Lacing Loops



No. 1 Each, $.10

Duckworth Roller Chains

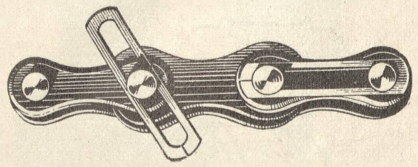


No. 90. $\frac{1}{8}$ and $\frac{3}{16}$ x 60 inch Each, $2.75

Square Head Adjusting Screw

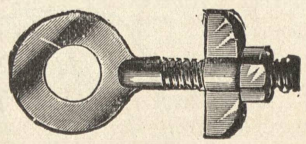
Assorted sizes Each, $.15

Duckworth Repair Links



For Block Chains, $\frac{3}{16}$ and $\frac{1}{4}$ inch
For Roller Chains, $\frac{1}{8}$ and $\frac{3}{16}$ inch
Block per box, $.15
Roller per box, .20

Nickeled Chain Adjuster



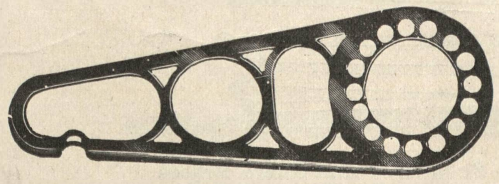
Per pair, $.25

Motorcycle Emergency Axle

A broken pedal is an annoying if not dangerous accident. With the **Emergency Axle** this is easily overcome and you retain full control of your brake. It is threaded to fit either right or left crank and is finished with heavy nickel plate. The knurled finish prevents foot from slipping. Slotted for screw-driver at both ends.

Each, $.30

Full One-piece Chain Guard, No. 2



Length, 25 inch. Width, 8½ inch. Each, $1.50

Dress Guard Lacing

In black and colors
18 yard length.

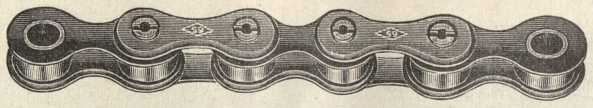
Each, $.30

BICYCLE CHAINS AND MUD GUARDS

New Diamond Chain, No. 61

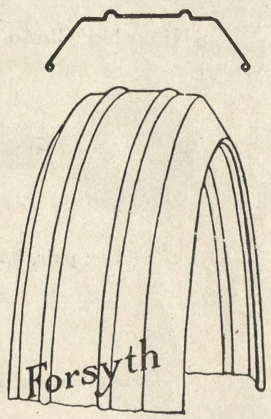
New No. 61. $\frac{3}{16}$ x $\frac{1}{2}$ x 60 inch $3.00 each

New Diamond Chain, No. 65

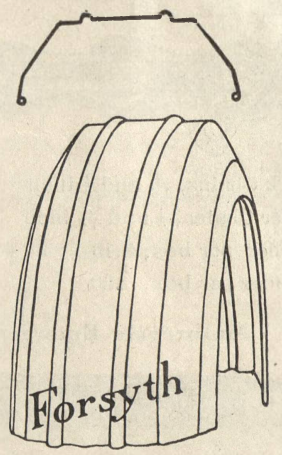


New No. 65. $\frac{3}{16}$ x $\frac{1}{2}$ x 60 inch $3.00 each
New No. 65. $\frac{1}{8}$ x $\frac{1}{2}$ x 60 inch $3.00 each

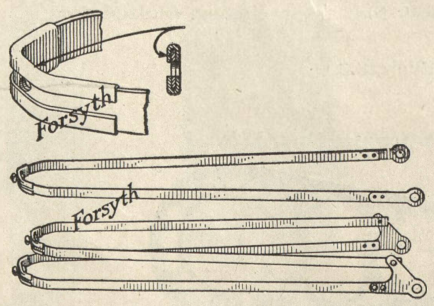
Mud Guards and Attachment



Semi-drop side Mud Guards
$1.00 per set



Full Drop Side Mud Guards
$1.25 per set



Single and Double Re-inforced Mud Guard Braces
Single, $ .25 each Double, $ .35 each

CEMENTS, BICYCLE ENAMEL, BRUSHES, ETC.

¾ x 4 tubes **Dutch** Wood Rim,	Each,	$.10
2 ounce bottles **Dutch** Wood Rim with swab	"	.15
¾ x 4 tubes **Goodrich** Rubber	"	.10
2 ounce bottles **Dutch** Rubber	"	.15
¾ x 4 tubes **Dutch Healo**, with needle point	"	.15

(for cement plugs in single tube tires)

Holdfast Wood Rim Shellac

Made from the best grade gum shellac and wood alcohol. For cementing tire on to rim.

2 ounce bottles, with swab	Each, $ .25
Gallon cans	Each, 5.50

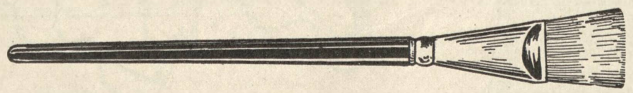
Chain Cleaning Brush

Single Row	Each, $.20
Double Row	Each, .30

Acme Air-Drying Enamel

Colors: — Black, white, bright red, maroon, sterling green, yellow, slate, royal blue, etc.
Per can, black, $.30
Per can, colors, .40

Enamel Brushes



Enamel Brush, ½ inch wide	Each, $.10
Enamel Brush, ¾ inch wide	Each, .15

NEVERLEAK, PLUGS, ETC.

Neverleak Tire Fluid

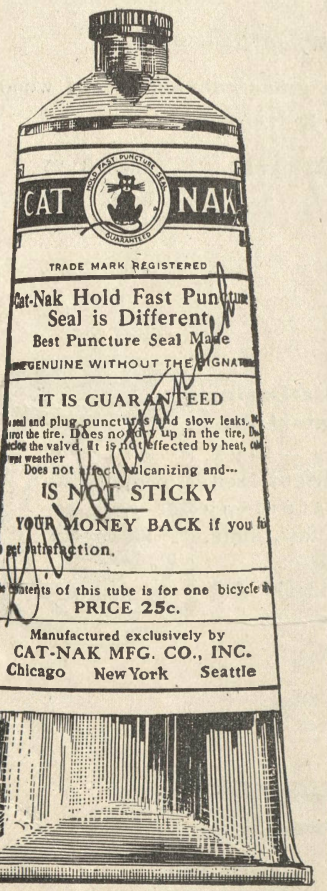
For injecting into single tube tires. Prevents porousness.

4 ounce tubes	Each,	$ .25
½ pint cans	Each,	.50
½ gallon cans	Each,	2.50
1 gallon cans	Each,	3.50

Neverleak Injector to use with above.
Each, $1.50

Neverleak
"Tip-Top gross lot"

Special "Tip-Top gross lot" packed in one shipping case with double certificates (24).

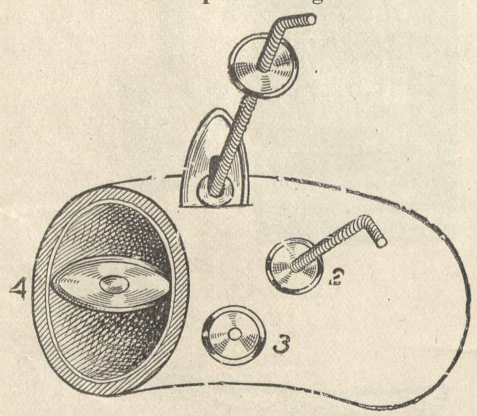


Each, $.25

Curtis Repair Tool

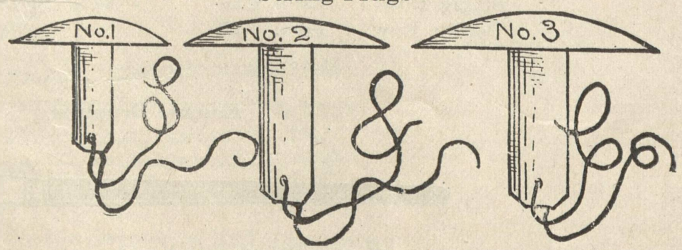
Each, $.10

Sampson Plugs



Small, medium and large Each, $.10

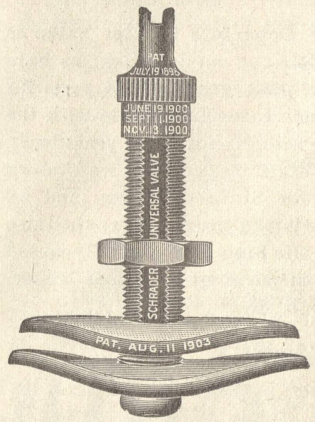
String Plugs



No. 1. Per dozen, $.40 No. 2. Per dozen, $.50
No. 3. Per dozen, $.65

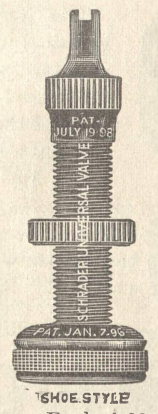
VALVES AND PARTS, PLIERS, ETC.

Sampson Shoe Valve



Large and small Each, $.25

Schrader Shoe Valve

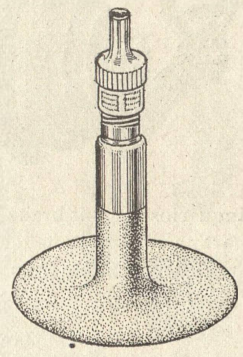


Each, $.20

Schrader Universal Valve

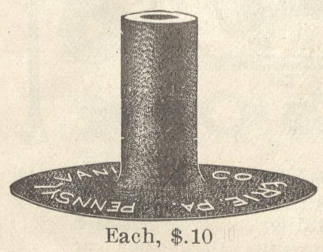
Each, $.10

Schrader Valve and Stem



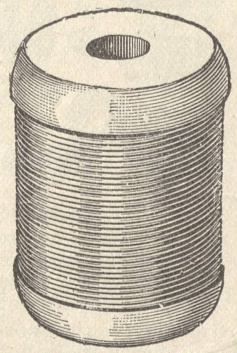
Each, $.25

Rubber Valve Stems



Each, $.10

Valve Wire



4 ounce spool, Each, $.25

Valve Cap Packings

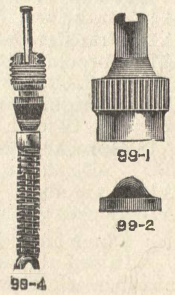
We carry at all times a full stock of

Valve Cap Packings

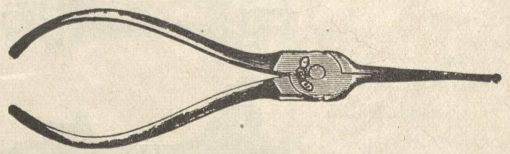
Schrader style Each, $.03
Flat style Each, $.02

Schrader Valve Parts

99-1 Valve Cap $.25 Box
99-4 Schrader Inside $.30 Box
99-2 Schrader Valve Cap Packing

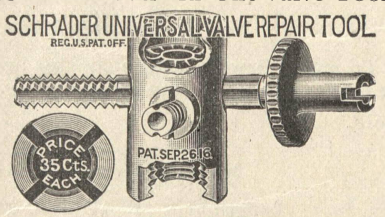


No. 2 Forged Plug Pliers



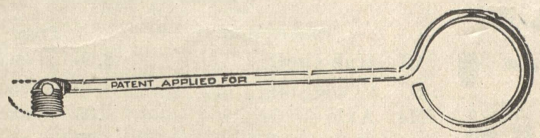
Made from forged steel and tempered.
Each, $.25

Schrader Four-in-One Valve Tool



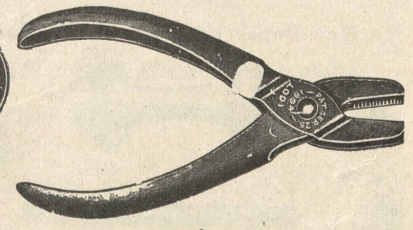
Each, $.35

Sampson Valve Inserter



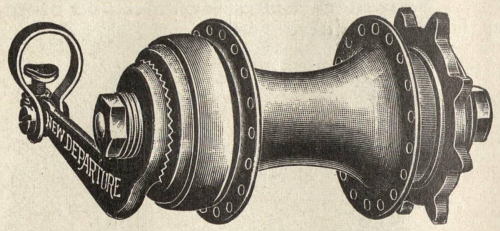
Each, $.20

Lodi Valve Pliers



Each, $.25

COASTER BRAKES, HUBS AND PARTS



Model A Each, $6.00

New Departure Coaster Brake

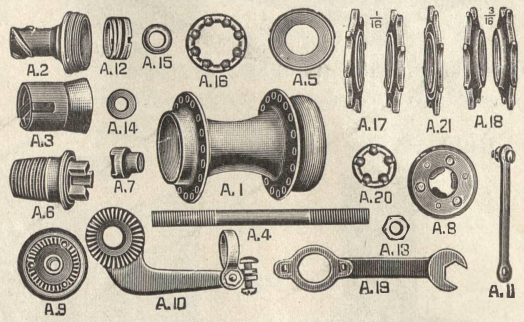
The New Departure Coaster Brake is identical with the model that has been popular for past years. The parts for this model are interchangeable with the parts of the models for some years back.

We are distributors of this well known brake for the State of Maine, and all inquiries for this brake will be referred to us by factory. We wish to state that we shall also carry a stock of parts for this brake, thus saving our customers the long delay usually caused by ordering same from factory, as will have to be the case with parts of all other brakes.

Model A, built up in rear wheel Each, $8.00

New Departure Coaster Part List—Model A

No.	Description	Price
A1	Hub shell	$1.75 list each
A2	Driver	.75 list each
A3	Clutch Sleeve	.40 list each
A4	Axle	.15 list each
A5	Sprocket set nut	.25 list each
A6	Brake clutch	.60 list each
A7	Axle adjusting cone	.15 list each
A8	Brake complete	.80 list each
A9	Brake disc	.45 list each
A10	Brake arm	.35 list each
A12	Transfer sleeve	.10 list each
A17	Sprocket, 1-16 inch off-set, 7 to 12 teeth	.30 list each
A21	Straight sprocket, 7 to 12 teeth	.30 list each
A18	Sprocket, 3-16 inch off-set, 7 to 12 teeth	.30 list each
A13	Axle nut	.03 list each
A15	Socket washer	.02 list each



No.	Description	Price
A16	Large ball retainer	$.15 list each
A20	Small ball retainer	.10 list each
A14	Axle washer, plain	.02 list per pair
A11	Clip, nut and bolt	.15 list per set

½ inch and ⅜ inch pitch sprockets equivalent to the above sizes to be the same price.

In ordering hub shell, always state number of spoke holes wanted. Also, precede the number of part with the letter designating the hub for which part is wanted. In ordering parts, specify whether they are for "A" regular or "A" narrow.

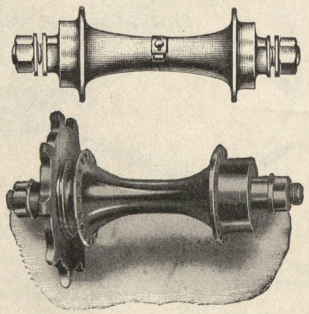
New Departure Front Hub

To match New Departure coaster brake. Length over all, 3½ inch. 32 hole carried in stock. Can furnish 36 and 28 hole. Each, $1.25

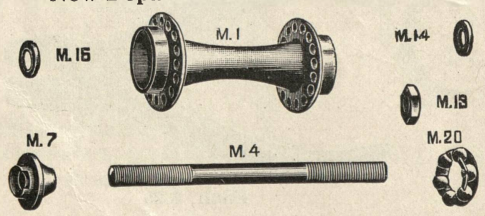
New Departure Rear Hub

Length over all, 4⅜ inch, 32 or 36 hole.

Each, $2.25



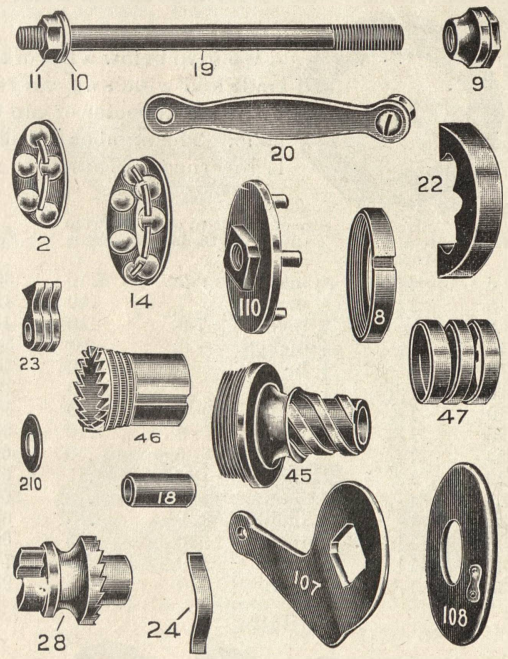
New Departure Front Hub Parts



	Description	Price
M1	Hub shell	$.50 list each
M7	Cones, (2)	.10 list each
M4	Axle	.05 list each
M20	Ball retainer	.07 list each
M13	Axle nut	.02 list per pair
M15	Socket washer	.02 list per pair
M14	Axle washer, plain	.01 list per pair

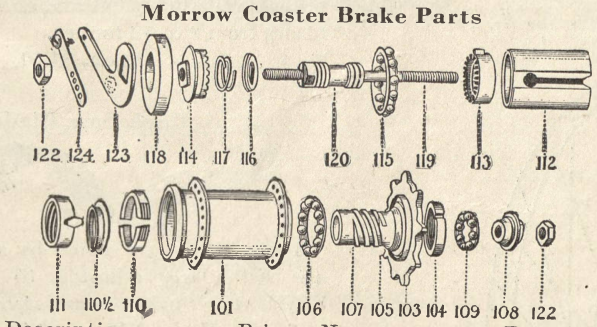
Corbin Brake Parts

No.	Description	Price
1	Hub Shell, Model 5, each	$2.25
2	Small Ball Retainer for Adjusting Cone (including Balls), each	.15
8	Sprocket Locknut, Models 6, 7 and 8, each	.25
9	Right Side Adjusting Cone, Models 6, 7 and 8, each	.25
11	Axle Nut, Models 6, 7 and 8, each	.05
13	Dust Cap, Models 6, 7 and 8, each	.10
14	Large Ball Retainer (including Balls), Models 6, 7 and 8, each	.20
15	Sprockets 7, 8, 9, 10, 11, 12, each	.30
18	Bushings, Models 6, 7 and 8, each	.20
19	Axle, Models 6, 7 and 8, each	.25
20	Band connecting Brake Arm to Frame (including Bolt and Nut), Models 6, 7 and 8, each	.10
22	Brake Shoes, Models 6 and 8, pair	.30
23	Brake Shoe Levers, Models 6, 7 and 8, set	.20
24	Brake Shoe Springs, Models 6 and 8, set of 4	.10
28	Braking Clutch, 6, 7 and 8, each	.60
45	Driver for Models 6, 7 and 8, each	.90
46	Driving Clutch, 6, 7 and 8, each	.50
47	Transfer Sleeve for Models 6, 7 and 8, each	.15



No.	Description	Price
48	Hub Shell for Models 6, 7 and 8, each	$1.75
107	Arm for Models 7 and 8, each	.30
108	Dust Cap for Models 7 and 8, each	.20
110	Anchor Plate for Models 7 and 8, each	.50

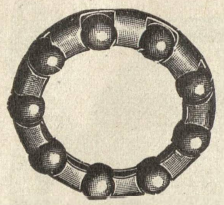
Morrow Coaster Brake Parts



No.	Description	Price
101B	Hub Case	$2.25
102B	Oil Hole Cover and Screw	.05
103B	Sprocket	.35
104B	Sprocket Lock Nut	.20
105B	Sprocket Dust Cap	.10
106B	Ball Retainer sprocket side	.15
107B	Driving Screw	1.00
108B	Axle Cone, adjusting	.25
109B	Ball Retainer, for axle cone	.10
110B	Clutch Rings, per pair	.50
110½	Clutch Retainer Ring	.10
111B	Nut and Sleeve Expander	.50
112B	Brake Sleeve	1.00
113B	Sleeve Expander with teeth	.40
114B	Cone, arm side	.50

No.	Description	Price
115B	Ball Retainer, arm side	$ .20
116B	Retarder Washer	.10
117B	Retarder Spring	.12
118B	Dust Cap, arm side	.15
119B	Axle	.20
120B	Axle Bushing	.20
121B	Wire Stop underneath axle bushing	.05
122B	Axle Nut	.05
123B	Arm	.30
124B	Arm Clip complete	.10
	Forward Clutch Case	.40
	Nut	.50
	Rear Clutch Case and Sleeve Expander	.40

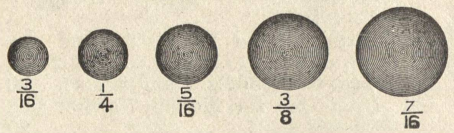
BALL RETAINERS, WHEELS, ETC.



We give below a list of the sizes which are used most in the bicycle trade and which we carry in stock. In ordering retainers, always go by inside diameter of cup for which you want retainers and size of balls. The number of balls makes no difference. The size of balls is governed, of course, by size of cone to be used in cup.

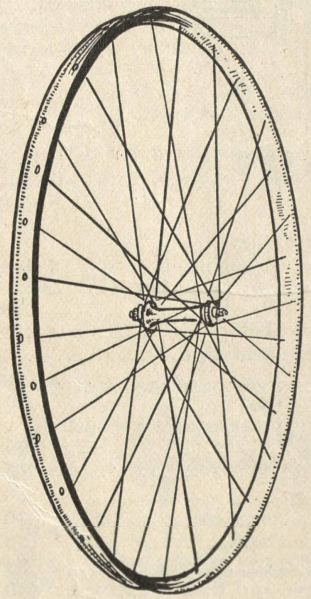
No.	Size of Retainers Inches	Size of Balls	No. of Balls	Price Each	No.	Size of Retainers	Size of Balls	No. of Balls	Price Each
4	25/32	3/16 inch	6-7	$.10	39	1 7/16	3/16	14	$.15
5	13/16	3/16 inch	7	.10	42	1 15/32	1/4	10	.15
6	7/8	3/16 inch	7-8	.10	46	1 1/2	5/16	8	.15
10	15/16	1/4 inch	6	.10	53	1 9/16	1/4	11	.20
13	1	1/4 inch	6	.10	55	1 19/32	1/4	11	.20
16	1 1/16	1/4 inch	7	.10	56	1 39/64	5/16	8-9	.20
19	1 3/32	1/4 inch	7	.10	58	1 5/8	3/16	17	.20
23	1 5/32	1/4 inch	8	.10	59	1 5/8	5/16	9	.20
24	1 5/32	5/16 inch	5	.10	60	1 5/8	3/8	7	.20
29	1 5/16	1/8 inch	19	.15	62	1 3/4	1/4	12	.20
31	1 5/16	3/8 inch	5	.15	63	1 3/4	5/16	10	.20
35	1 3/8	1/8 inch	19	.15	66	1 13/16	9/32	11	.20
36	1 3/8	5/32 inch	16	.15	68	1 55/64	1/4	12	.20
37	1 3/8	1/4 inch	9	.15	73	1 15/32	5/32	17	.20
38	1 7/16	5/32 inch	17	.15	91	1 17/32	1/4	10	.20

Steel Balls

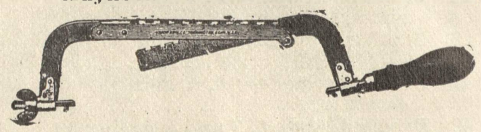


We carry a large stock of the following sizes:—

1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1.



Adjustable Hack Saw Frame



Made of the best grade of steel. Simple in adjustment. No part will drop out. Has no projections. Practical and efficient. Will take blades from 8 to 12 inches.

Each, $1.60

Hack Saw Blades

These blades are made by a secret process, are particularly adapted to the use of the bicycle repair man or manufacturer.

6 inch	Each, $.10	9 inch	Each, $.10
8 inch	Each, .10	10 inch	Each, .15
12 inch	Each, .15		

Built Up Wheels

K. & C. rims, good grade spokes, New Departure hubs.

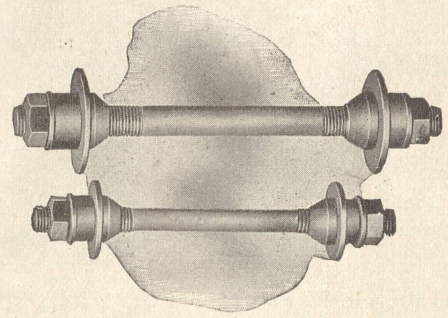
Front wheels	Each, $3.25
Rear wheels	Each, 4.25

New Departure coaster brake, built up Each, $7.75

For enameled rims add $.25 to above prices.

AXLES, NUTS, CONES, ETC.

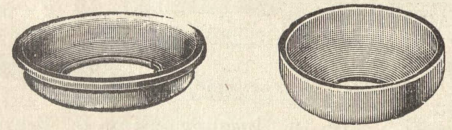
Axle Sets



Complete with cones, front Each, $.25

Complete with cones, rear Each, .45

Cups

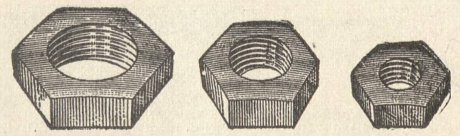


Flanged Cup Plain Cup

We carry in stock an assortment of sizes most commonly used.

Each, $.25

Nickeled Nuts



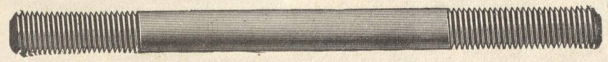
Carefully threaded, and will not easily strip. 1/4, 9/32, 5/16, 3/8, threaded 20, 22, 24, 26, 28, 30 and blank. Each, $.05

Nickeled Steel Washers

Sizes, 1/4, 9/32, 5/16, 3/8, 7/16 and 1/2 inch. About 1/16 inch thick.

Per dozen, $.20

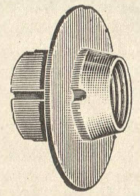
Hub Axles



Front axles 5 inches long, 1/4, 9/32, 5/16
Threaded 20, 22, 24, 26, 28, 30
Rear axles 6 1/4 inches long, 3/8
Threaded 20, 22, 24, 26, 28, 30

Each, $.05

Adjustable Cones



Sizes, 1/4, 9/32, 5/16, 3/8, 24, 26, and 28 thread.

Each, $.25

Rim Washers

No. 1. Regular standard saw tooth washer.

No. 2. Same size and shape as No. 1, but without the saw teeth.

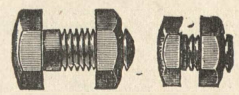
No. 3. Plain washer, with cupped center.

No. 4. Plain flat washer.

No. 5. Cupped washer, "Columbia" style.

Per thousand, $.75

Hex Head Sprocket Bolts and Nuts



3/16 and 1/4 inch Each, $.05

Fauber Sprocket Bolts and Screws

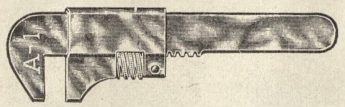
Long screw with nut, $.10 each

Short screw only, .05 each

Springfield Sprocket Screw

Each, $.05

WRENCHES AND SCREW-DRIVERS



No. A-1 Mossberg Bicycle Wrench

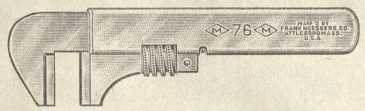
Drop forged from steel. Mottled finish. Opens 1¼ inch.

Each, $.25

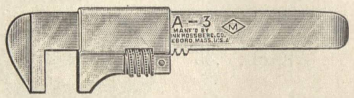
No. 76 Mossberg Bicycle Wrench

Drop forged from a high grade of steel, mottled. Opens 2 inches.

Each, $.75



No. A-3 Mossberg Special Bicycle Wrench



Made from the very best steel to meet the demand for a heavier and stronger bicycle wrench. Carefully hardened and nickeled. End is flattened and curved. Weighs 5½ ounces.

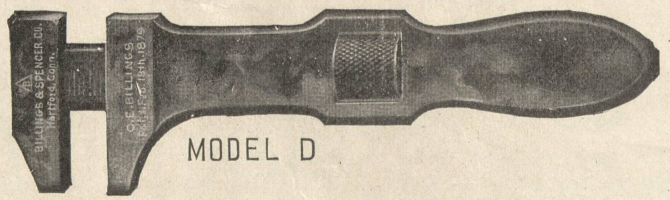
Each, $.35

Special Pedal Wrench

Each, $.50

B. & S. Adjustable Shop Wrenches

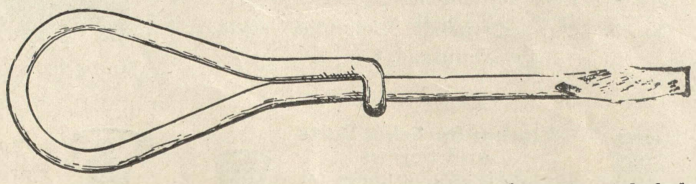
Drop forged from bar steel. Black finish. Bar graduated to thirty-seconds of an inch.



Model B—Opens 1 inch Each, $1.25 Model D—Opens 1½ inch Each, $1.50

Model E—Opens 1¾ inch Each, $1.75

No. 0 Screw-driver

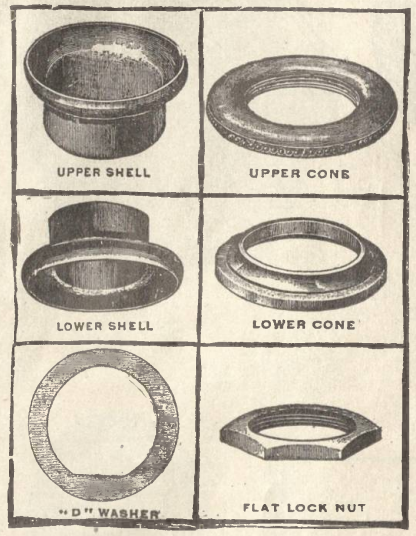


A very neat little screw-driver. Made of steel and nicely nickeled.

Each $.10

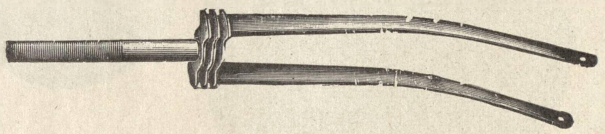
HEAD SETS, REPAIR FORKS, PLIERS, ETC.

Head Sets



No. 2. Complete for 1¼ inch head.
No. 4. Complete for 1⅜ inch head.
No. 9. Fits Great Western bicycles.
No. 7. Fits Pope Mfg. Co. bicycle.
Per set, $.80

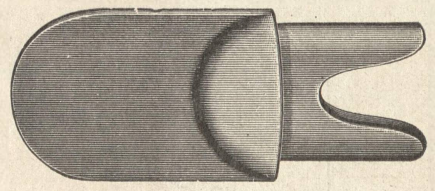
Repair Forks



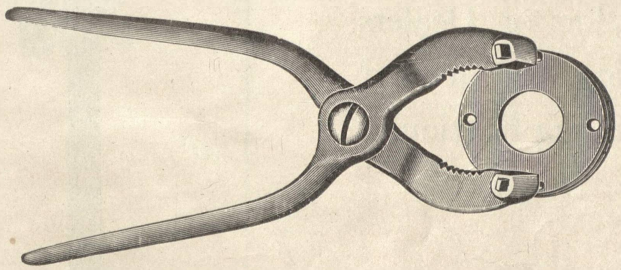
Three plate crown, made to fit any size bicycle whether 20, 22 or 24 inch. Full nickel. Stems are 9 inches long, 1 inch in diameter, threaded for 5 inches.

Each, $3.00

Forged Fork Tips



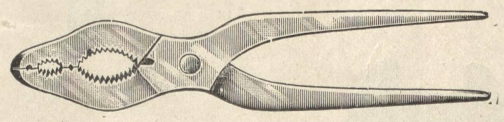
⅞ and 1 inch Per pair, $.25



No. 1 Spanner Wrench

A tool of unusual merit. Opens to 2⅜ inches. Points of tool steel, carefully tempered.

Each, $1.00

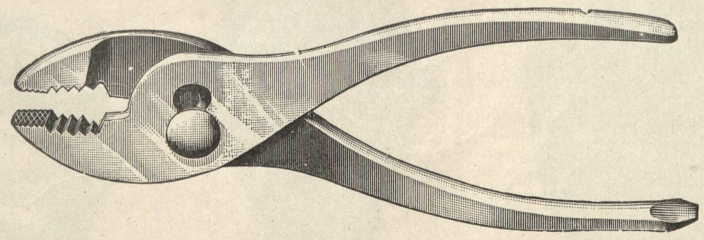


No. 75 Pliers

Hand forged, has long thin jaws ⅛ inch thick, to grasp edge and small lock nuts, etc., where there is only a narrow space to get at them. 7½ inches long over all.

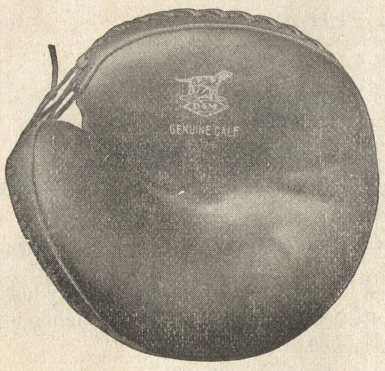
Each, $1.25

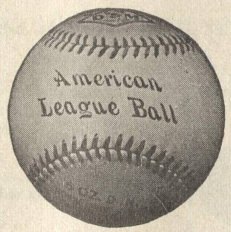
Improved Combination Pliers



Drop forged from steel.

Nickel plated Each, $.50

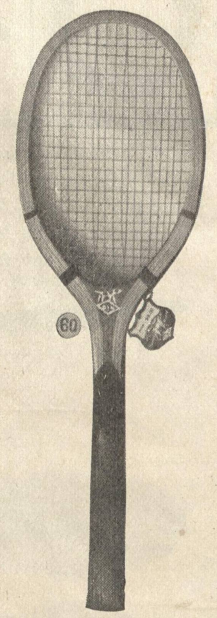


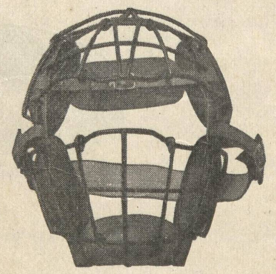


D&M
SPORTING GOODS

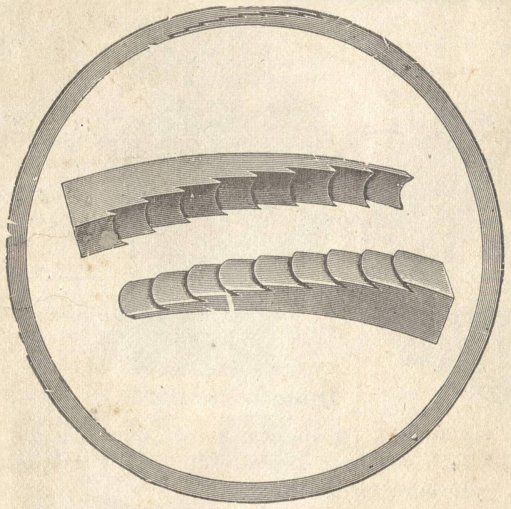
Sporting Goods

Catalog or Dealers'
Price List mailed
on application.





RIMS AND SPOKES



Rims

One piece natural finish, to take 1½ or 1⅜ x 28 inch tires. Drilled or undrilled. Per pair, $2.75

Juvenile, natural finish, to take 20, 24 and 26 inch tires. Per pair, $2.75

Dunlop or **G. & J.,** natural finish, to take 28 inch tires. Per pair, $3.25

Sulky, natural finish, to take 28 inch tires. Per pair, $3.50

We carry in stock the following enamel finished rims:—

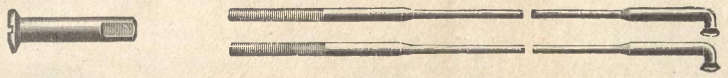
Numbers 307, 308, 303, 311, 310. Per pair, $3.25

Also **G. & J.** and **Dunlop** in 307 finish. Per pair, $3.25

Please refer to colored insert for finishes.

All other style rims, which we do not carry in stock, are f. o. b. factory in N. H.

Spokes and Nipples



No. 6 Spokes and Nipples

Special finish. Packed 100 in a box.

10⅛ inch for 24 inch wheels. 11⅛ inch for 26 inch wheels. 12 and 12⅛ inch for 28 inch wheels.

Per hundred, $3.00

Diamond E Spokes

Spokes bearing this trade mark are made of No. 1 wire, swaged, threaded and bent. Packed 100 in a box. 12⅛ inch in length.

TRADE <E> MARK

Per hundred, $4.00

Carriage Spokes

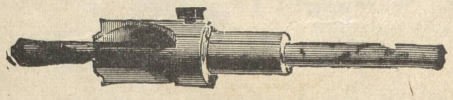
Bent and direct. 13⅜, 14⅜ and 15⅜ inch long.

Each, $.15

Sulky Spokes

Bent and swaged, 11⅛, 12⅛ x .105—.080.

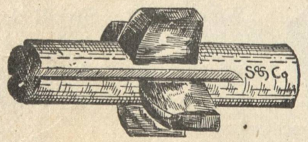
Each, $.10



No. 1. Countersink and Drill

Fits saw tooth rim washers.

Each, $.65

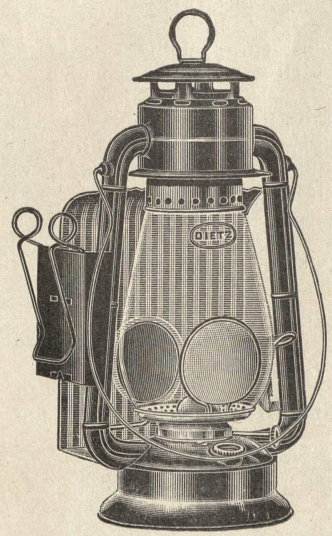


Valve Counterbore

Exactly right for reaming out the hole in wood rims to fit metal base valves. Every repair man will appreciate this article.

Each, $.65

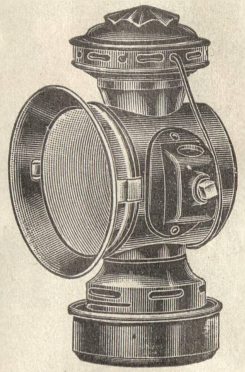
CARRIAGE DRIVING LAMPS



Dietz "Junior"

Corrugated reflector and magnifying bullseye lens. 2¼ inch red rear signal. Burns kerosene oil. Complete with bracket

Each, $2.50

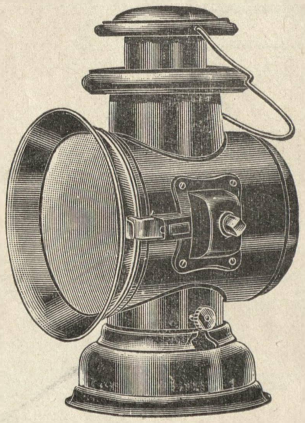


Dietz "Eureka"

Height 7¼ inches, 3 inch door lens, 2¼ inch red rear signal. Holds sufficient oil to burn for ten hours.

Complete with dasher clamp holder

Each, $2.50

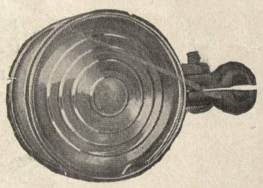


Dietz "Octo"

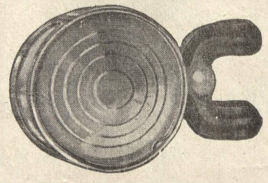
Height 10¼ inches, 4⅝ inch door lens, 2¼ inch red rear signal. Burns ten hours.

Complete with the dasher clamp holder

Each, $4.75



No. 98 for Seat Rail



No. 99 for Dasher

"Neverout" Electric

Diameter of face 3¼ inches, red rear signal. Controlled by an "off and on" switch on the rear of lamp. Furnished with 2.8 volt 2 C. P. bulbs and operates from two ordinary dry cells.

Price, less dry cells

Each, $3.50

Lava Tips

We carry the **Sunlight Tip,** which is air holed and made from the finest American lava.

Each, $.10

Lamp Lenses

We carry in stock the following styles:

No. 1 will fit **Searchlight**	Each,	$.25
No. 2 will fit **Solar 1907**	Each,	.25
No. 3 will fit **20th Century**	Each,	.25
No. 5 will fit **No. 10 Old Sol**	Each,	.25

Lamp Parts

Parts for **Solar, 20th Century, Old Sol** and **Searchlight Lamps** furnished f. o. b. factory direct.

Bicycle Lamp Tip Mounted

We furnish **Alco Tip** mounted in sockets.

No. 1 will fit **Searchlight**	Each,	$.20
No. 2 will fit **Solar**	Each,	.25
No. 3 will fit **20th Century**	Each,	.20

MOTORCYCLE GAS HEADLIGHTS

Model No. 1

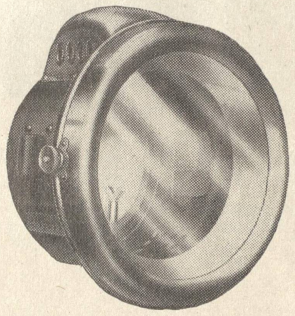
This is a large and powerful light for Motorcycle use. One-piece body of heavy gauge metal. Has no joints to come loose and will not rattle. Hinged door fastens securely with knurled thumb nut. Equipped with 5-inch Mangin mirror.

Furnished in Black and Nickel finish.

Diameter of front	8 inches
Extreme height	8 inches
Extreme depth	6 inches
Bracket centers	6½ inches

$6.50 each

No. 1 and No. 4



Model No. 4

A slightly smaller edition of the No. 1 Headlight, and of the same high quality throughout. Body and door specifications are the same except in size.

Furnished in Black and Nickel finish.

Diameter of front	6¾ inches
Extreme height	6¾ inches
Extreme depth	5¼ inches
Bracket centers	6¼ inches

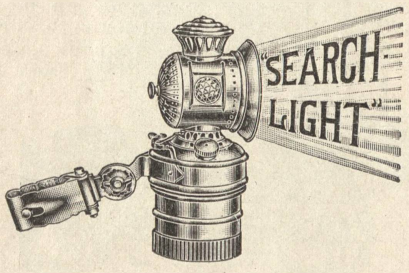
$6.00 each

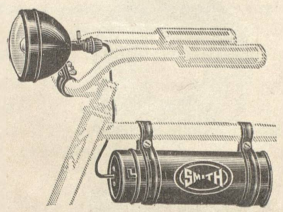
LAMPS AND PARTS

Searchlight Bicycle Lamp

A simple and safe acetyline gas lamp. Very attractive. Free from trouble and care. Improved process. Generates gas at regular intervals. Made of heavy brass with every part reinforced. Furnished with bracket. Burns 6 to 7 hours on one filling.

Price Each, $4.00





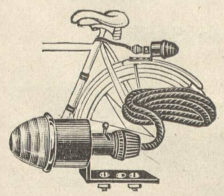
No. 30

Smith Electric Lamp

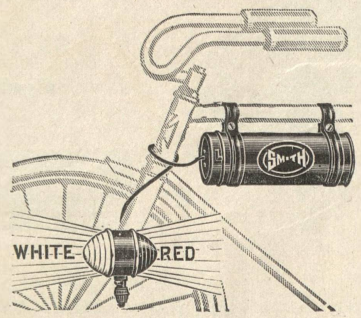
This lamp is equipped to be used with any standard No. 6 dry batteries. The headlight is well finished and has polished reflector. All battery containers are strong black enameled and will hold the battery properly. Headlight 5 in., with clamp for head or extension stem, two-cell container.

Price Each, $2.25

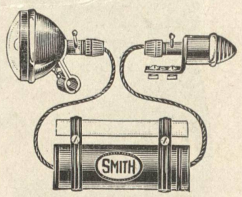
We also carry this light in one cell. Price, $2.00 each



No. 45
Price $1.50



No. 35
Price, one cell, $2.25; two cells, $2.50

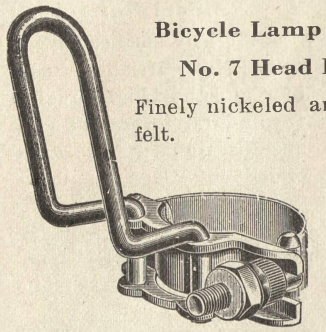


No. 3045
Price $4.00

LAMP BRACKETS, CYCLOMETERS, ETC.

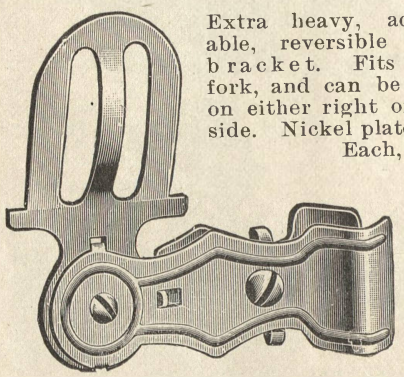
Bicycle Lamp Brackets

No. 7 Head Bracket



Finely nickeled and lined with felt. Each, $.20

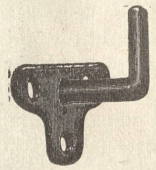
No. 6 Fork Bracket



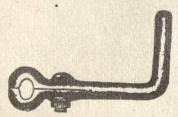
Extra heavy, adjustable, reversible lamp bracket. Fits any fork, and can be used on either right or left side. Nickel plated. Each, $.25

Driving Lamp Brackets

No. 46
Dash Bracket



No. 53
Panel Bracket



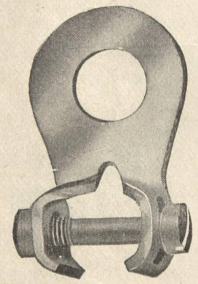
No. 47
Rail Bracket

No. 46—Dash bracket has a universal clamp. Can be attached to practically any projection on a carriage or wagon. Each, $.40

No. 53—Panel bracket, used on wagons. Screws to the side. Each, $.40

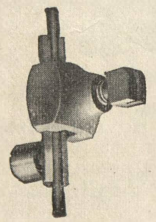
No. 47—Rail bracket, fastens to horizontal bow, or rail on side of top, or seat. Each, $.40

Cyclometer Bracket



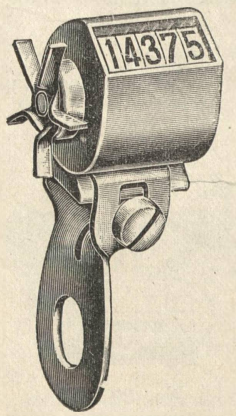
Each, $.25

Cyclometer Striker



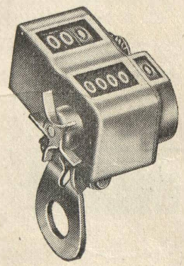
Each, $.25

Veeder Cyclometer



For 24, 26, 28 and 30 inch wheels
Each, $2.00

Veeder Trip Cyclometer



For 24, 26, 28 and 30 inch wheels
Each, $3.00

UNIVERSAL BICYCLE SOCKET WRENCH

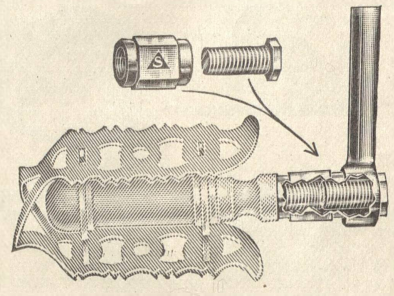
Here's a tool that jumped into instant popularity from the first day it was announced. No wonder—A SOCKET WRENCH THAT FITS EVERY NUT ON A BICYCLE!

The five sockets fit the front and rear axle nuts, the handlebar binder bolt, the saddle clamp, the handlebar and seatpost expander bolt nuts.

The convenience of this wrench appeals to both repair man and rider. It gets a full, firm grip on the nut and prevents rounding the nut. It saves time.

And it's just the right size to fit into a bicycle tool bag.

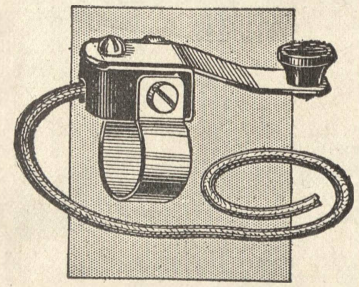
J. G. PEDAL COUPLING



Three years of experience by the trade have proven this coupling to be the strongest, quickest means of overcoming stripped cranks. No tool is required other than a wrench.

The special bolt (see illustration) is slipped through stripped crank and screwed into one end of coupling. The pedal screws into other end of coupling. Absolutely no drilling or rethreading.

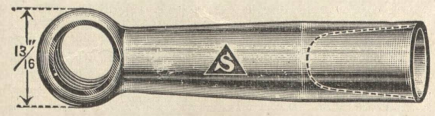
SIMPLEX MAGNETO CUTOUT



An emergency brake—merely pressing button on handlebar cuts off all power instantly. The compression of the motor then acts as a smooth, effective brake. Every magneto has a ground terminal to which cut-out wire is attached. Furnished with adjustable strap, binding securely on either ⅞ or 1-inch handlebar; with or without 4½ feet covered cable.

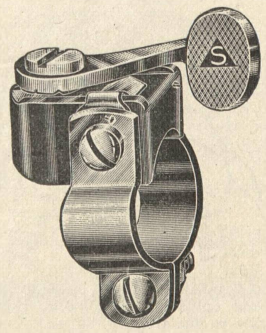
CRANK REPAIR TIPS

Forged Steel



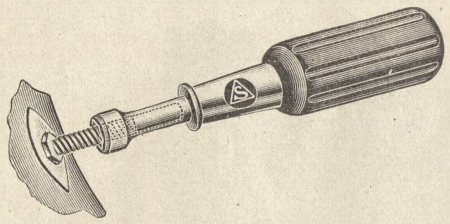
A more durable and quicker job can be made with this forged tip, for being made of forged steel, its pedal threads will not strip. The hole in the tip is tapered, thus requiring only a slight taper on the damaged crank to fit; hence the crank is not weakened. This forged tip can be applied either by brazing or oxy-acetylene welding.

M. C. HANDLEBAR SWITCH



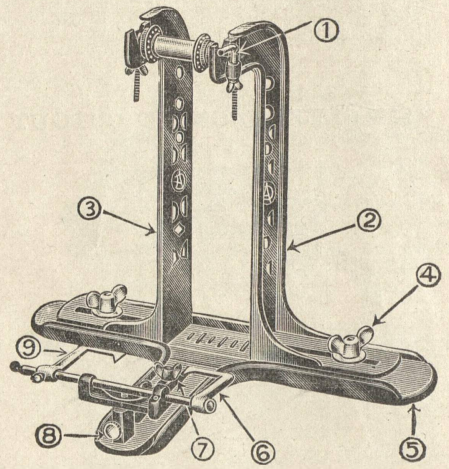
Places control of the lighting system at the rider's finger tips. Can be used with spot or dimmer lights, or as magneto cut-out. It is a convenient, well-made, single-point switch. Many thousands of them are in use.

VALVE NUT WRENCH



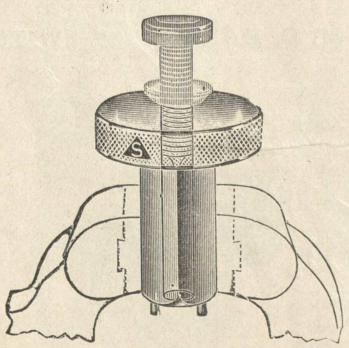
Gets a solid grip on the valve nut and screws it up absolutely tight without rounding it. This is the only correct tool for the job.

UNIVERSAL WHEEL TRUING STAND



The trade will approve of the new design of the Truing Stand, for the one model is for both bicycle and motorcycle wheels. It is now also simpler and stronger. All of which means even greater satisfaction from this stand which has always been the most efficient, quickest method of truing a wheel perfectly. Repair parts may be ordered by the numbers on the cut.

ROUND-BASE VALVE INSERTER

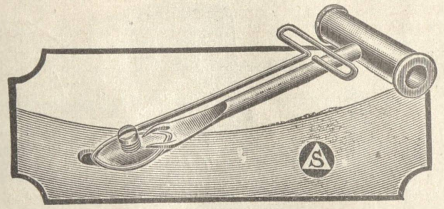


The new Stevens Round-Base Inserter makes inserting of a round base valve an easy, sure, quick job, and it prevents damage to the tire.

Its operation is simple. First fasten the hexagon shank of the Inserter in the vise; then screw the valve into the tool; both hands are now free to firmly force the tire over the valve.

The two prongs at end of tool serve as spanner wrench for tightening up valve nut, which is easily done with knurled handle.

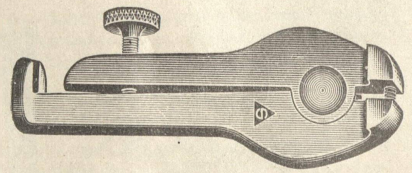
OVAL-BASE VALVE INSERTER



With this Oval Base Inserter the oval base is secured firmly and it is easily forced straight into the tire. You don't have to "fish around" for the base when it's in the tire, because the Inserter's threaded stud with its hinged handle instantly brings the base plate into correct position for screwing in the valve.

PERFECT NIPPLE GRIPS

Drop Forged



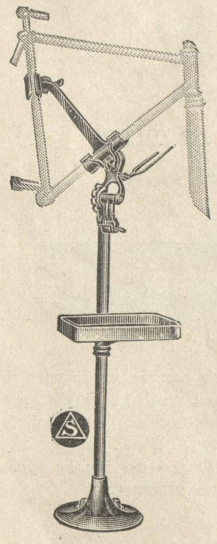
In its improved design, the Perfect Nipple Grip is now a DROP FORGING; its jaws are hardened and polished so they won't round off.

The jaws are now curved to afford a firmer grip on the spoke and to prevent biting into the rim.

The proportions of the new tool are stronger and more convenient for handling.

So the Perfect is today the most serviceable nipple grip, both in its principle and its lasting service. Three sizes:

No. 1—Rider's model, for bicycle spokes.
No. 2—Shop model, for bicycle spokes.
No. 3—For motorcycle spokes.



UNIVERSAL BICYCLE REPAIR STAND

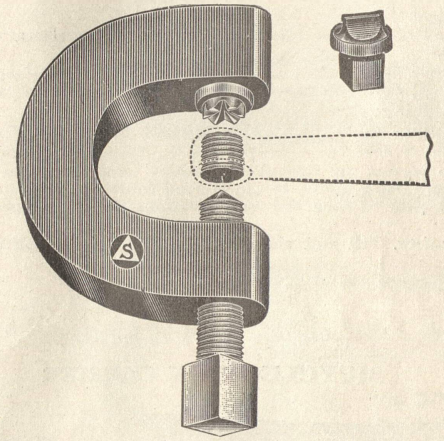
It makes repairs a great deal easier and quicker for you by holding ANY bicycle at ANY angle desired, and swiveling to any position most convenient to you.

It's adjusted instantly. The felt-lined clamps are speedily adaptable to any size bicycle frame, and protect the enamel. A special prong holds the front wheel steady. The arm of the stand swings to any angle at a touch of the two foot treadles in the base, and swivels freely on the column, though it can also be locked with a wingnut set screw. The handy tool tray can be set at any height, and it also swivels around the column.

Total height of stand, 5 feet: weight, when packed, 45 pounds, Strongly constructed; last a lifetime. Enameled in steel gray. Well packed for shipment anywhere.

PEDAL PIN EXTRACTOR

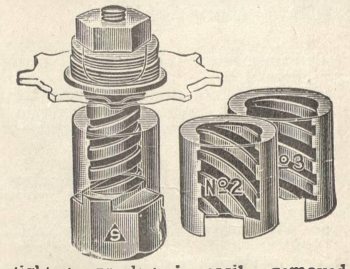
Takes Out Broken Pedal Pins Without Removing the Hanger



This extractor is the first tool that expels sheared pedal pins from the crank without removing the hanger.

It grips the broken pin firmly and then, as you turn the tool, it screws the pin out of the crank. Two studs are furnished with the tool—one with a rose reamer to "bite" pins with smooth ends; the other stud with a screw driver for removing slotted pins.

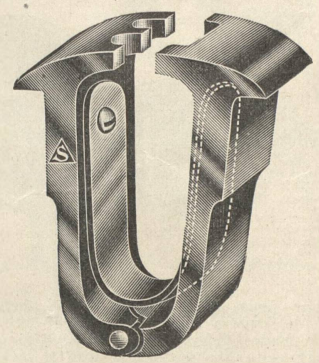
COASTER CLUTCH TOOL



The tightest sprocket is easily removed from the coaster brake worm with this tool. After the worm is gently secured in the broached bushing with the bolt running through, the bolt is held in a vise; the sprocket can then be quickly and safely removed.

Set includes three bushings for these brakes:
No. 1. —Miami.
No. 3. —Corbin and New Departure.
No. 4. —Morrow.
Parts also supplied separately.

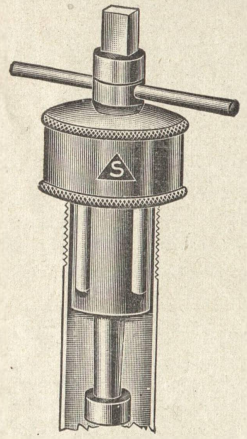
NEVERSET CHAIN CLAMPS



Years of service are back of the design of this new chain clamp. Its chief feature is a sturdy, permanent spring that prevents "setting" of the jaws.

It is drop forged of tool steel; its jaws are tempered and polished; it is proportioned for strength. Three types:
No. 1—For 1-inch pitch, block or roller chain.
No. 2—For ½-inch pitch, roller chain.
No. 3—⅝-inch pitch, motorcycle chain.

FORK STEM EXPANDER

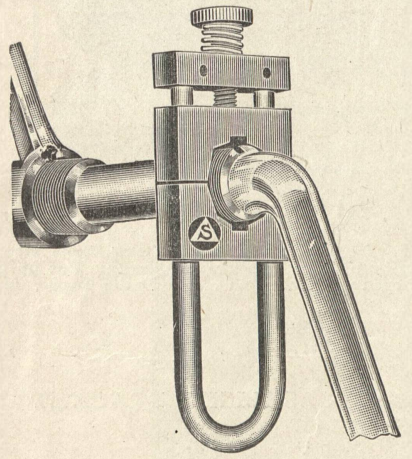


When the threads on the fork stem wear so that adjustments cannot be made, this Expander will bring the tube to its original outside diameter so the threads can be re-cut. The Expander has a tapered mandrel with rollers that expand outward.

On stems that are too light for rethreading, the fork should first be assembled with the bearings, and then the Expander will force the stem into the threads of the upper cone and nut.

SPLIT DIE FOR RE-THREADING LEFT CRANK

To Fit and Adjust Cones Easily



You will avoid all trouble in fitting the cone to the left crank of one-piece hanger by first applying this new Split Die on every job.

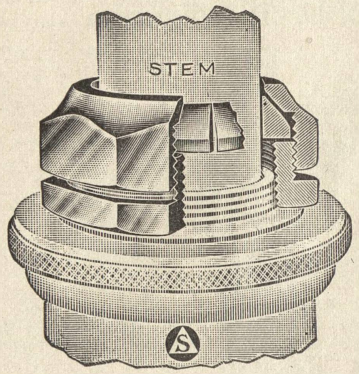
The split feature on this die enables you to clean the threads from the middle to the ends. Therefore, even the end threads will be full and accurate, so that the cones can get an easy, quick start and can be adjusted nicely.

This die comes in two sizes—⅞ x 24 and ⅞ x 28, and because these dies are adjustable they will take any variation of the ⅞-inch diameter.

SPROCKET WRENCH

The chain grip holds the sprocket without distorting its teeth, and the long handle gives powerful leverage, so that the sprocket can be more readily removed or tightened.

Made in two sizes: No. 1.—For ½-inch pitch; No. 2. — For 1-inch pitch.



STEVENS "GRIPTITE"

The Compression Head Lock Nut

GRIPTITE is the only complete insurance against broken stems, shaky forks and their accidents.

It replaces the ordinary head lock nut. Its tapered, split ring is wedged, as the upper nut is screwed down, firmly against the head stem, thus locking the stem to the fork.

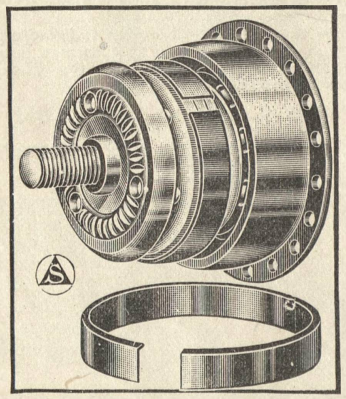
By making it unnecessary to draw up the expander bolt tightly, Griptite relieves the excessive strain so that the handlebar stem then cannot break.

GRIPTITE will also prevent the fork from working loose. Even when the threads on the fork stem are badly worn, it can depend entirely upon its powerful grip on the handlebar stem to keep the head bearings properly adjusted so the fork is always firm.

GRIPTITE means safety. Tell and show your riders. Order a half dozen from your jobber.

BRAKE REPAIR LINING

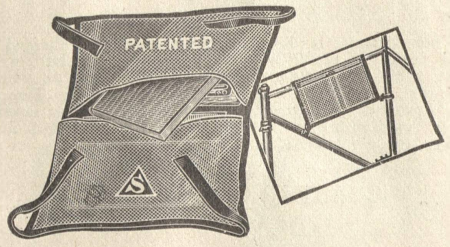
Pat. July 16, 1918.



This lining provides the only repair method for restoring the worn coaster brake shell. It is a flexible, tempered steel band that wears as long as a new brake shoe.

Fits both New Departure and Corbin. Put up in envelopes, each containing ten of the Brake Repair Linings.

BICYCLE BOOK CARRIER



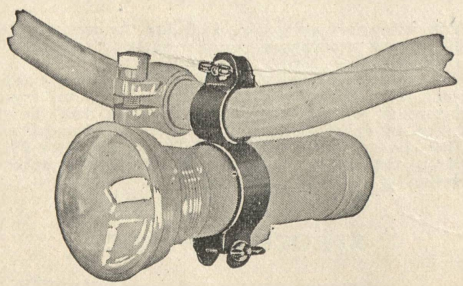
It is a needed improvement over the old attempt to strap books to the bicycle.

It will safely hold all the books and things that a youngster must carry to school. Fastening to the frame, as shown, it is out of the way—can't rattle—protects the enamel—and is good-looking.

This carrier will last for years, because it is made of long-wearing khaki and the seams and edges are reinforced with special braid. Each pocket measures 8 x 11 inches, affording a large carrying capacity.

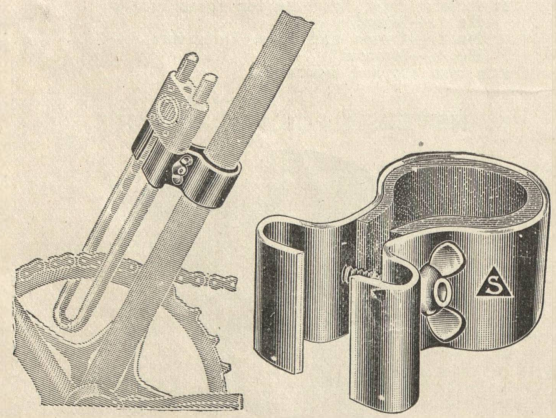
The dealer who patented this carrier sold 215 in his town (Fort Collins, Colo.) last season. Order five from your jobber and display them.

FLASHLIGHT BRACKET



Stevens Flashlight Bracket is extra sturdy and simple; it will hold the flashlight more firmly to the handlebar. The bracket loops are lined with genuine leather to prevent slipping, and the tightening of the loops is facilitated by wing nuts. The entire bracket is brightly nickled and looks very attractive.

BICYCLE LOCK HOLDER

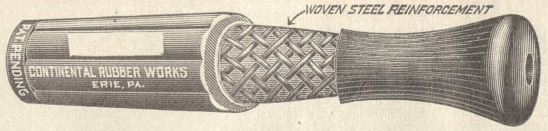


Any rider who uses a bicycle lock—and there are many thousands of 'em—knows the annoyance of letting the lock dangle from the frame. There is a real need for this Bicycle Lock Holder. It prevents accidents, loss of lock, noise and damage to the enamel.

The holder is strongly constructed of pressed steel; the frame loop is leather-lined;.. the screw has a wing nut. It fits any bicycle.

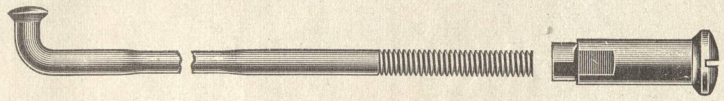
PUMPS, WRENCHES, SPOKES, ETC.

Motorcycle Grips



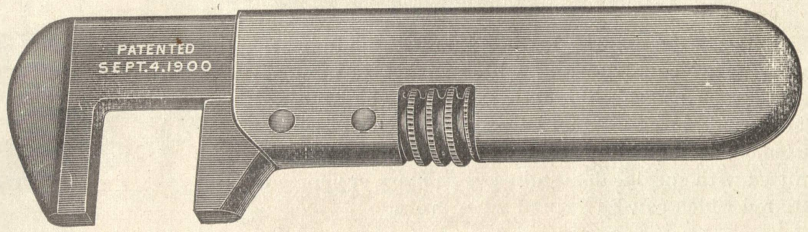
Gray Motor Grip
Per pair, $1.00

Motorcycle Spokes and Nipples



Diamond E Spokes—headed, bent, threaded and nickeled, complete with $\frac{7}{8}$ inch nipple.
135—110. $10\frac{3}{4}$ inch long Each, $.15

No. 8 Motorcycle Wrench

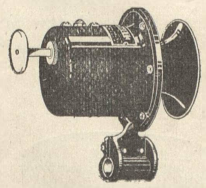


Nickel finish, 6 in. long, opens 2 in., jaws $\frac{5}{16}$ in. thick by $1\frac{1}{16}$ in. deep. Each, $1.25

Weed Anti-Skid Motorcycle Chains

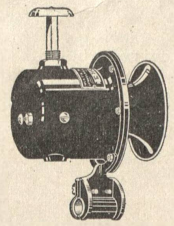
Size	Each	Size	Each
28 x 3	$2.50	3 inch cross chain	$.08

Klaxon 3 M. C.



A powerful hand operated signal. Furnished either with standard handlebar, frame or tank bracket or with special bracket for Harley Davidson or Indian motorcycle.

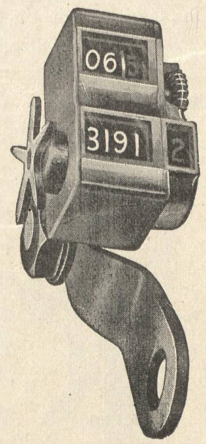
Klaxon 3 V. M. C.



Same in every respect as as the Klaxon 3 M. C. but furnished with a vertical push rod. Supplied either with standard handlebar, frame or tank bracket or with special bracket for Harley Davidson or Indian motorcycle.

Each $4.75

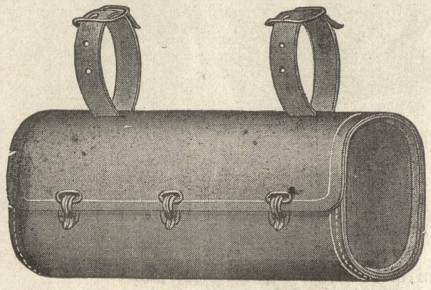
Veeder Motorcycle Trip Cyclometer



Each, $3.00
Extra brackets, $.35
Extra strikers, .25

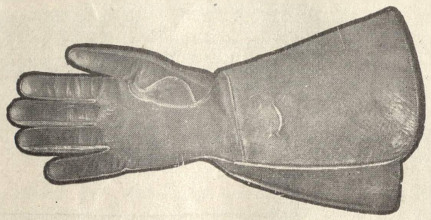
LAMPS, GLOVES, GOGGLES, ETC.

No. 301 Motorcycle Tool Bag



Each, $2.75

Gauntlet Gloves

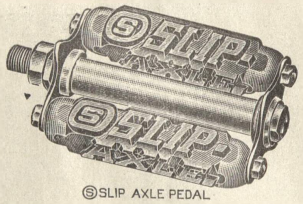


Price per pair, $3.50

Slip Axle Motorcycle Pedal

The Slip Axle Motorcycle Pedal is made with plain bearings and of heavy construction, which makes it a most sturdy and strong pedal. The axle is made of high grade carbon steel, and in case of accident a new axle can readily be adjusted, obviating the necessity of using an emergency axle. Fitted with special design heavy rubbers, supported on square rod which can be turned when worn.

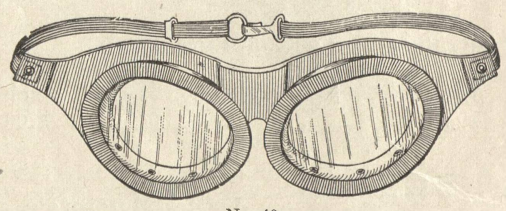
One size only, ½ x 20 thread, right and left



SLIP AXLE PEDAL

Per pair, $2.25

Goggles



No. 40

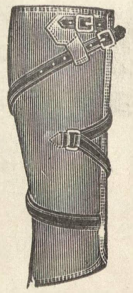
All rubber goggle, ventilated, large oval curved white glasses, interchangeable, adjustable band.

Per pair, $.75

Motorcycle Leggins Puttee Style

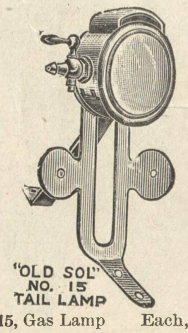
No. 1903. Made in one piece brown leather. Billets and straps sewed on.
Price per pair, $7.50

No. 1700A. Puttee style. Made of waterproof canvas.
Price per pair, $2.75



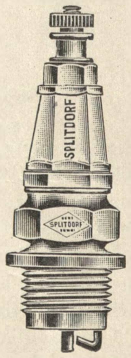
Puttee Style

Motorcycle Tail Lamp



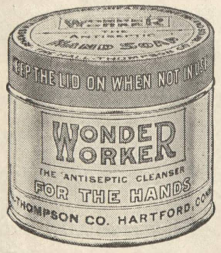
No. 15, Gas Lamp Each, $2.00
No. 60 or 67, Electric Lamp Each, 2.00

Splitdorf Spark Plug



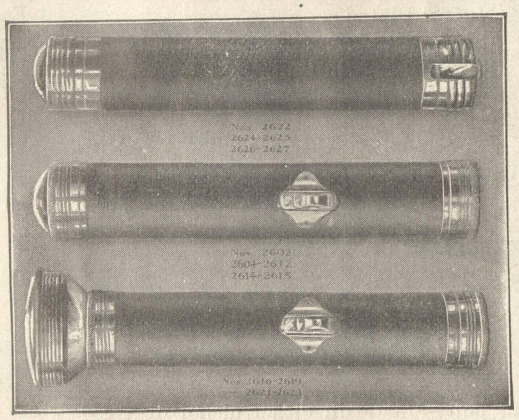
Metric or ⅞-18 thread.
Each, $1.00

Hand Soap



Wonder Worker
12 oz. cans
Each, $.15

EVEREADY TUBULAR DAYLOS AND TUNGSTEN BATTERIES



Prices mentioned are manufacturer's latest list prices for which Daylos sell complete with Tungsten battery.

Nos. 2630-2631

Size, 1¼ x 5 inches.

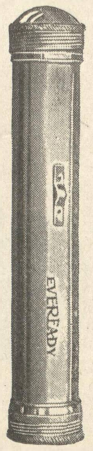
No. 2630—Nickel plated	Each,	$1.55
No. 2602—Vulcanized Fibre	Each,	1.35
Renewal Battery, 2 No. 935 unit cells	Each,	.30
Renewal Mazda Bulb No. 1182	Each,	.15

Size, 1½ x 6½ inches.

No. 2631—Nickel plated	Each,	$1.85
No. 2604—Vulcanized Fibre	Each,	1.70
No. 2622—Snake Cloth covered	Each,	1.25
No. 2625—Alligator Cloth covered	Each,	1.25
No. 2624—Black Cloth covered	Each,	1.25
No. 2628—Enameled Metal	Each,	1.10
No. 2616—Miner's Type Vulcanized Fibre	Each,	2.00
No. 2634—Miner's Type, Nickel plated	Each,	2.35
Renewal Battery, 2 No. 950 unit cells	Each,	.35
Renewal Mazda Bulb No. 1198	Each,	.15

Size, 1½ x 8½ inches

No. 2632—Nickel plated	Each,	$2.25
No. 2612—Vulcanized Fibre	Each,	2.00
No. 2626—Black Cloth covered	Each,	1.50
No. 2627—Enameled Metal	Each,	1.35
No. 2619—Miner's Type, Vulcanized Fibre	Each,	2.25
No. 2633—Miner's Type, Nickel plated	Each,	2.75
Renewal Battery, 3 No. 950 unit cells	Each,	.50
Renewal Mazda Bulb No. 1193	Each,	.15



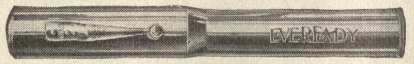
No. 2632

Pocket Type

Size, 3 x 2¼ x 1 inches.

No. 6993—Nickel Plated	Each,	$1.75
Renewal Battery, 2 No. 935 unit cells	Each,	.30
Renewal Mazda Bulb, No. 1180	Each,	.15

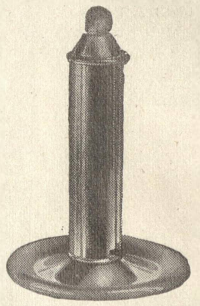
Fountain Pen Lights



No. 2683

Just like a fountain pen—made in either nickel or black enamel, with clip contact as shown in illustration.

	Each
No. 2683—Black enamel	$1.00
No. 2684—Nickel plated	1.00
Renewal Tungsten Battery No. 706	.25
Renewal Mazda Bulb No. 1179	.15



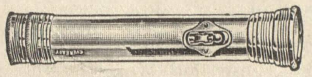
No. 1657

Candle No. 1657 can be lighted instantly by a snap switch; can be carried from room to room or even out of doors in a wind without blowing out; is finished in bright polished nickel plate.

	Each
No. 1657—Complete	$1.40
Renewal 2 No. 935 Cells	.30
Renewal Bulb No. 1192	.20

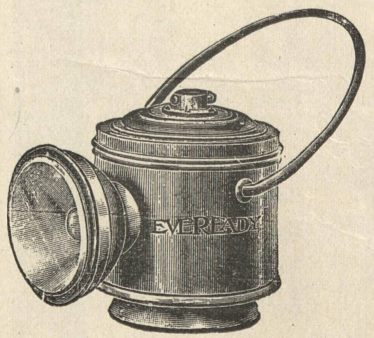
Spot Light

The light with the 300 foot range.



No. 2672 — Vulcanized Fibre	Each,	$3.75
No. 2674 — Nickel Plated	Each,	4.00
Renewal Battery, 3 No. 950 unit cells	Each,	.50
Renewal Bulb, No. 1162	Each,	.20

Eveready Tungsten Search Lanterns

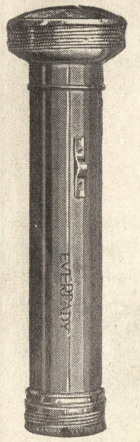


No. 4702

The lens and reflector of this new lantern have been specially designed to project an intense white, concentrated beam for a great distance. The light is turned on or extinguished by means of an improved button switch. It contains a powerful battery and will give ten to fifteen hours service. These lanterns can be used with perfect safety in any place and being storm-proof they are invaluable on yachts and motor-craft. Finished in heavy nickel plate, highly polished.

No. 4702—4½ inches high	$7.50
Renewal Tungsten Battery No. 710	1.10
Renewal Mazda Bulb No. 1195	.20

Miner Types



No. 2634
No. 2633

Size, 1¼ x 5¾ inches.

No. 2660—Vulcanized Fibre	Each,	$1.50
Renewal Battery, 2 No. 935 unit cells	Each,	.30
Renewal Mazda Bulb No. 1197	Each,	.15
No. 2661—Nickel Plated	Each,	$1.75
Renewal Battery, 2 No. 935 unit cells	Each,	.30
Renewal Mazda Bulb No. 1197	Each,	.15

Size, 1½ x 6½ inches.

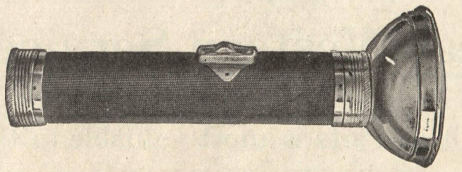
No. 2634—Nickel Plated	Each,	$2.35
Renewal Battery, 2 No. 950 unit cells	Each,	.35
Renewal Mazda Bulb No. 1198	Each,	.15

Size, 1½ x 8½ inches.

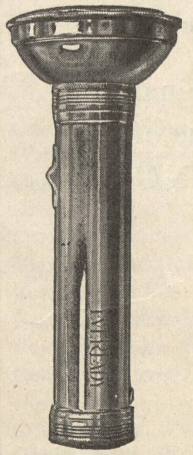
No. 2633—Nickel Plated	Each,	$2.75
Renewal Battery, 3 No. 950 unit cells	Each,	.50
Renewal Mazda Bulb No. 1193	Each,	.15

Portable Searchlights

Strong, powerful and lasting, these searchlights are built especially for all who need a portable light of great penetrative power.



No. 2659



No. 2637
No. 2638

No. 2659—Size, 1½ x 8½ inches, Vulcanized Fibre	Each,	$3.25
Renewal Battery, 3 No. 950 unit cells	Each,	.50
Renewal Mazda Bulb No. 1193	Each,	.15
No. 2637—Size, 1½ x 8½ inches, Nickel Plated	Each,	$3.50
Renewal Battery, 3 No. 950 unit cells	Each,	.50
Renewal Mazda Bulb 3.8 volts No. 1193	Each,	.15
No. 2638—Size, 1½ x 6½ inches, Nickel Plated	Each,	$3.10
Renewal Battery, 2 No. 950 unit cells	Each,	.35
Renewal Mazda Bulb 2.9 volts No. 1198	Each,	.15

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